

FIG. 1

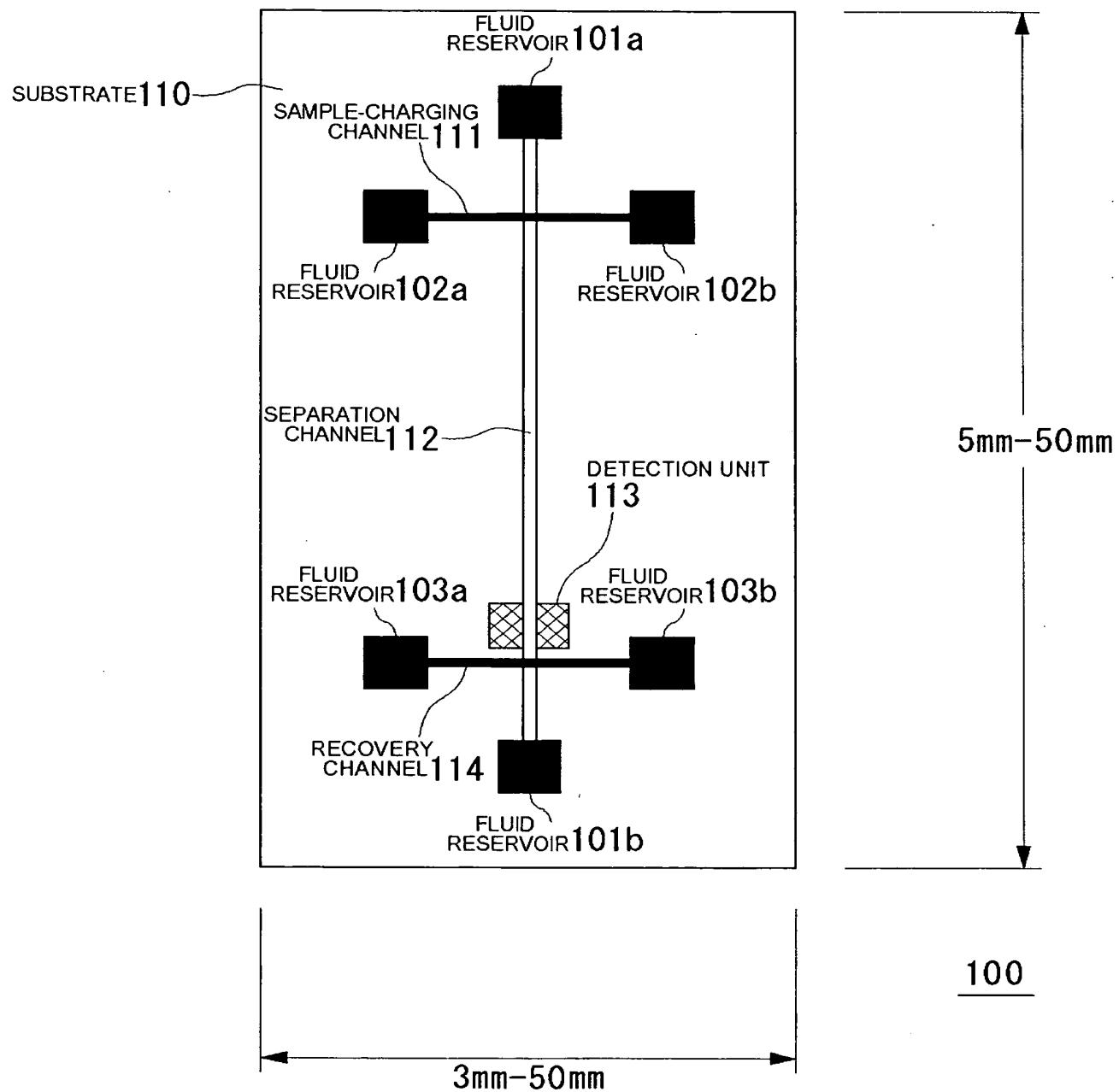


FIG. 2

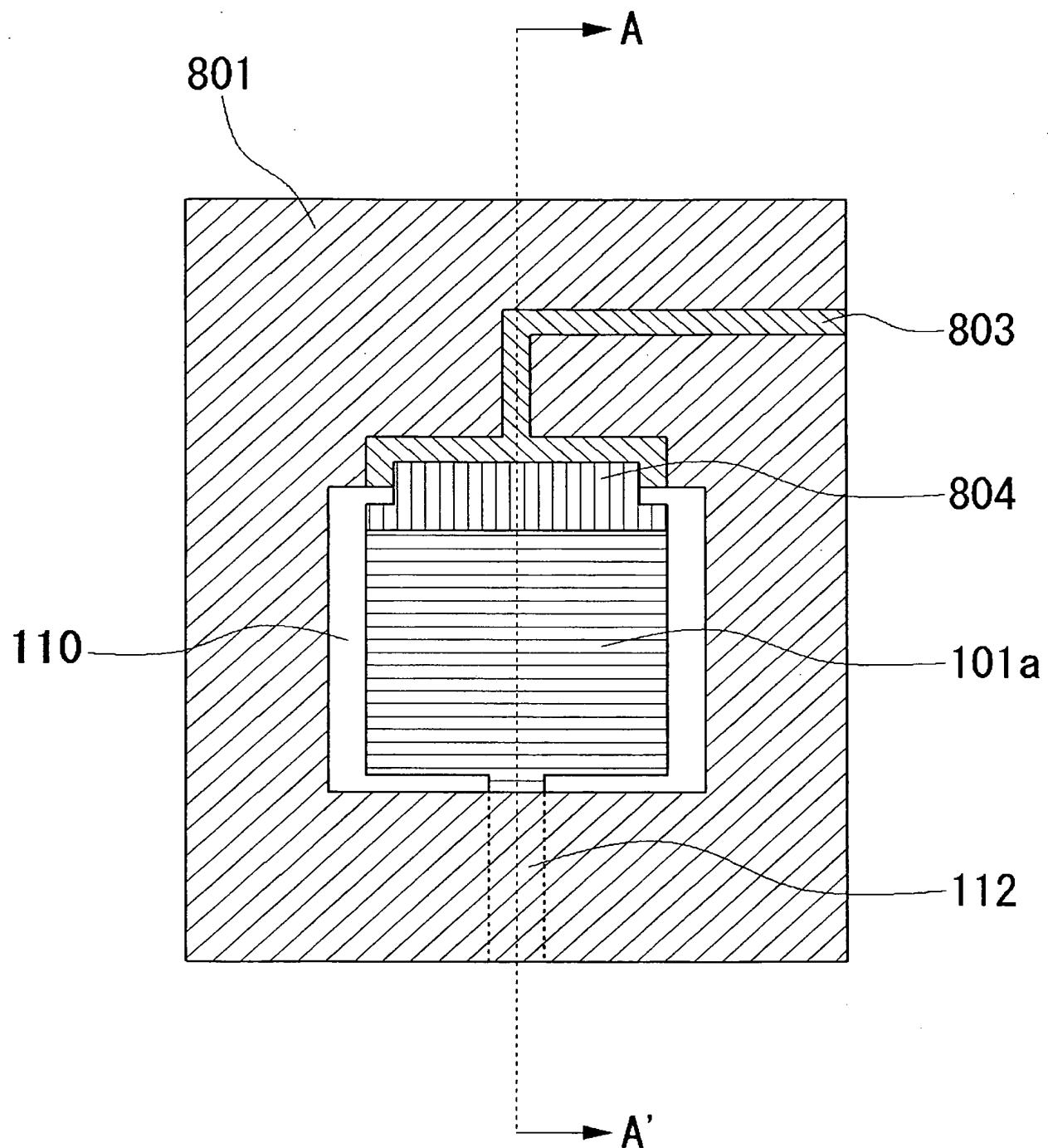


FIG. 3

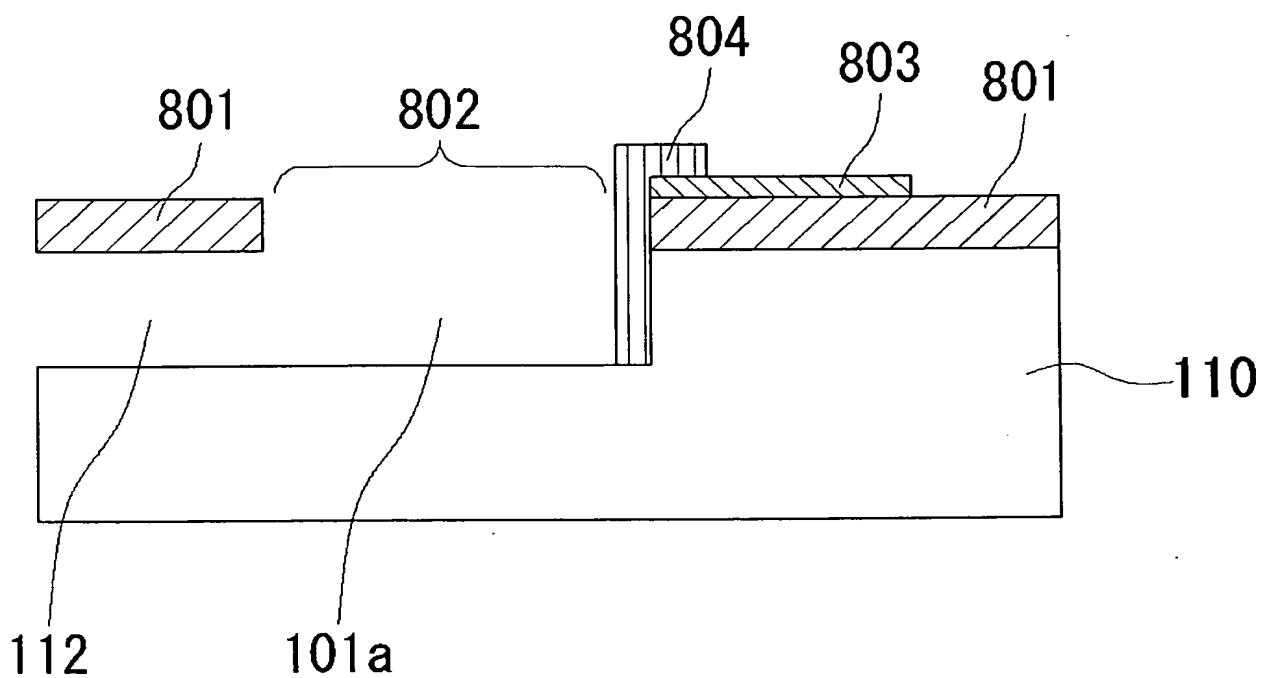
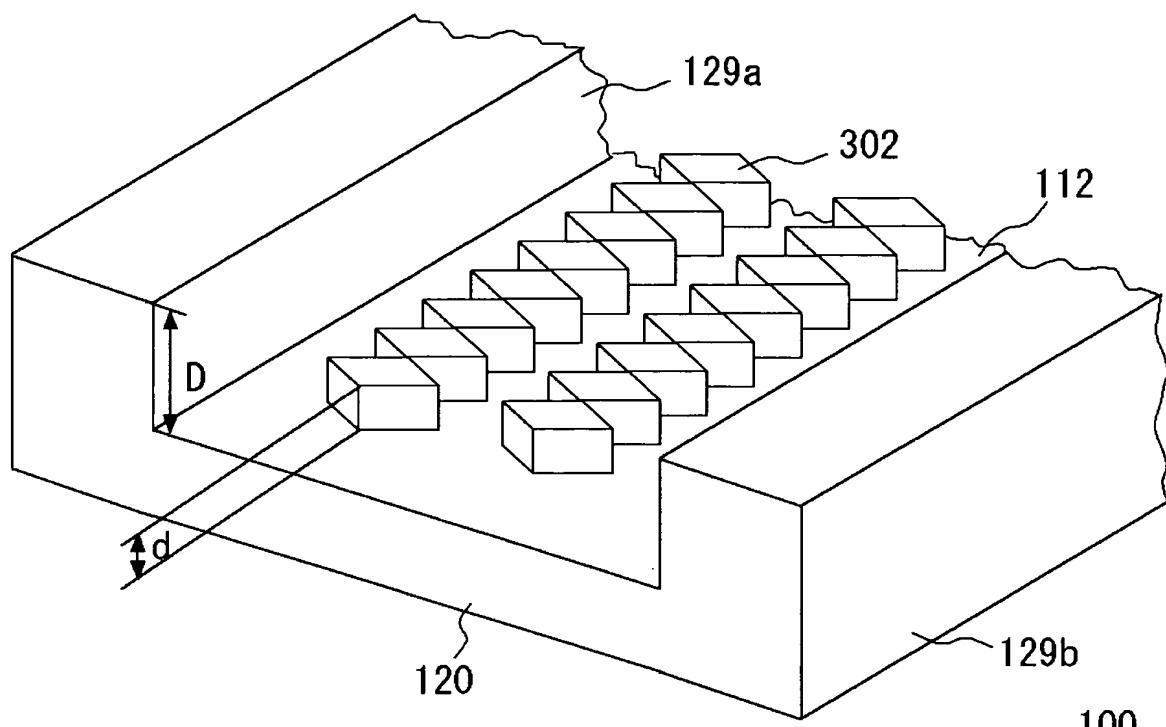


FIG. 4

(a)



(b)

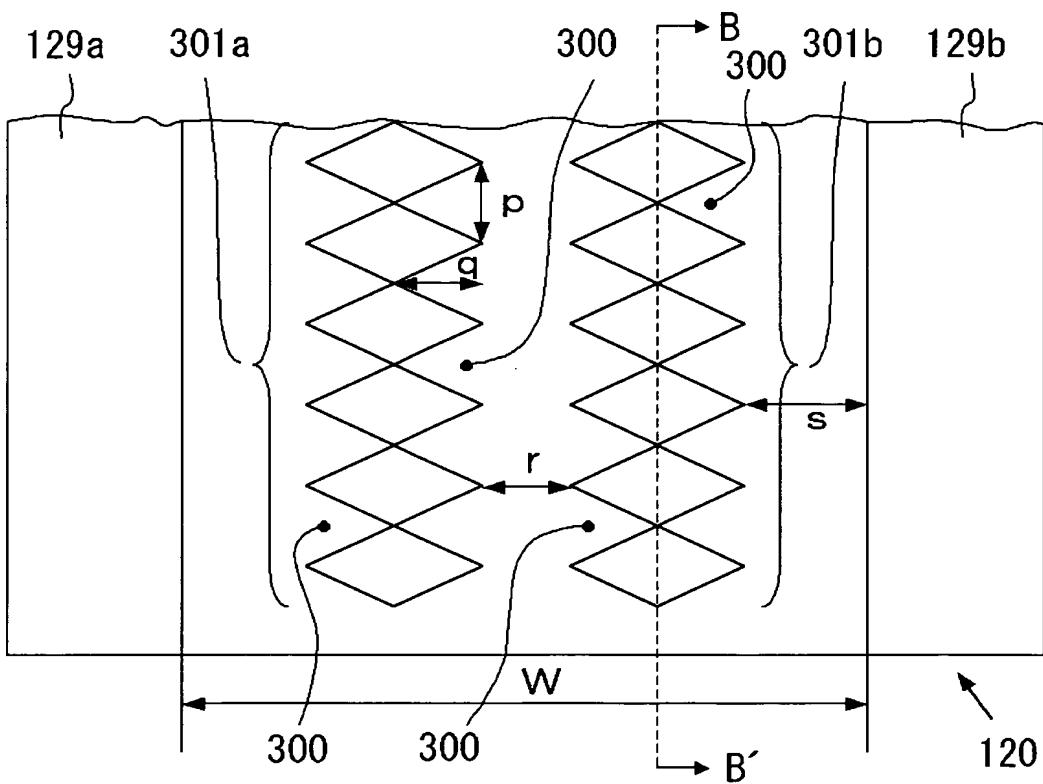


FIG. 5

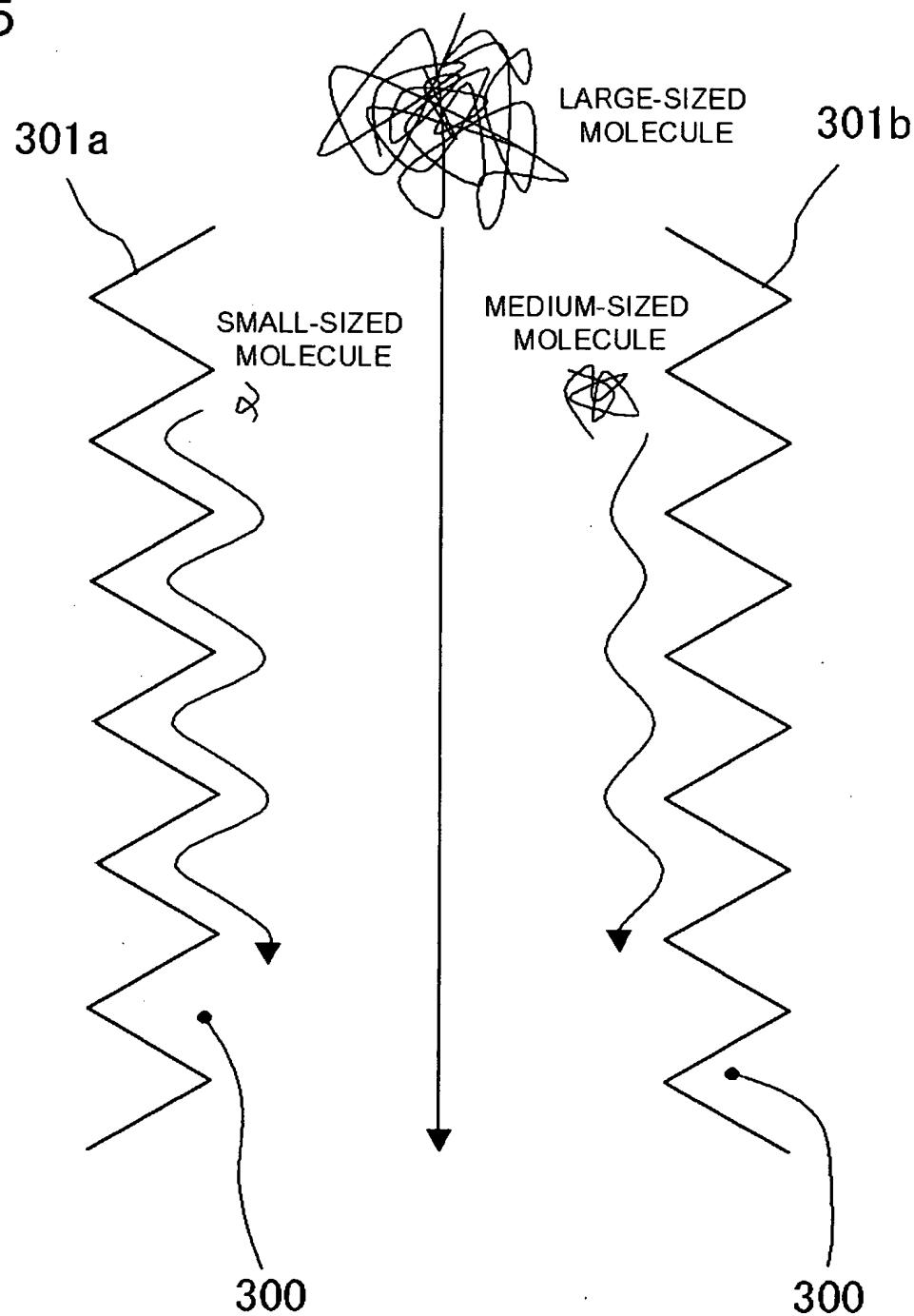


FIG. 6

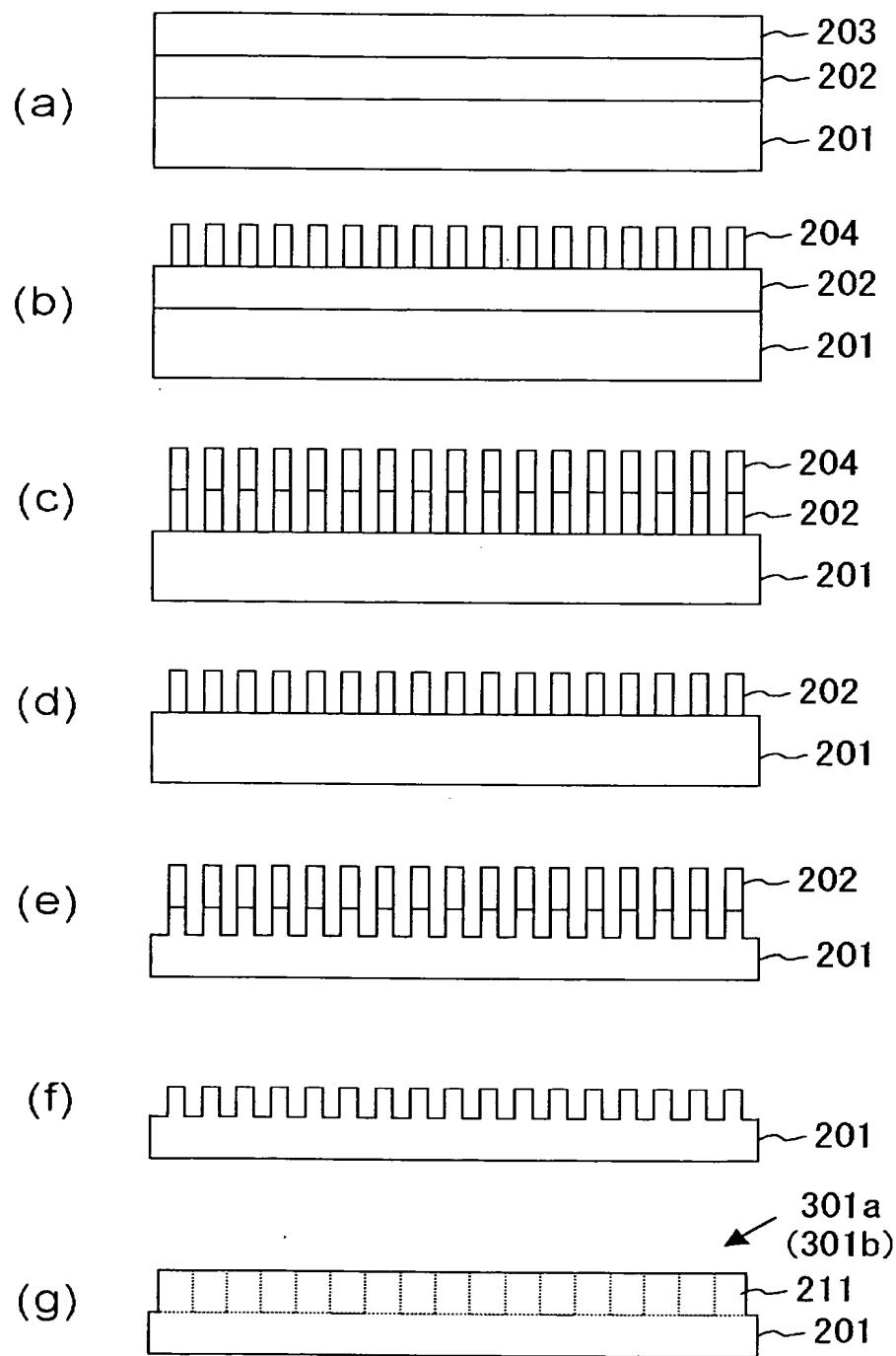


FIG. 7

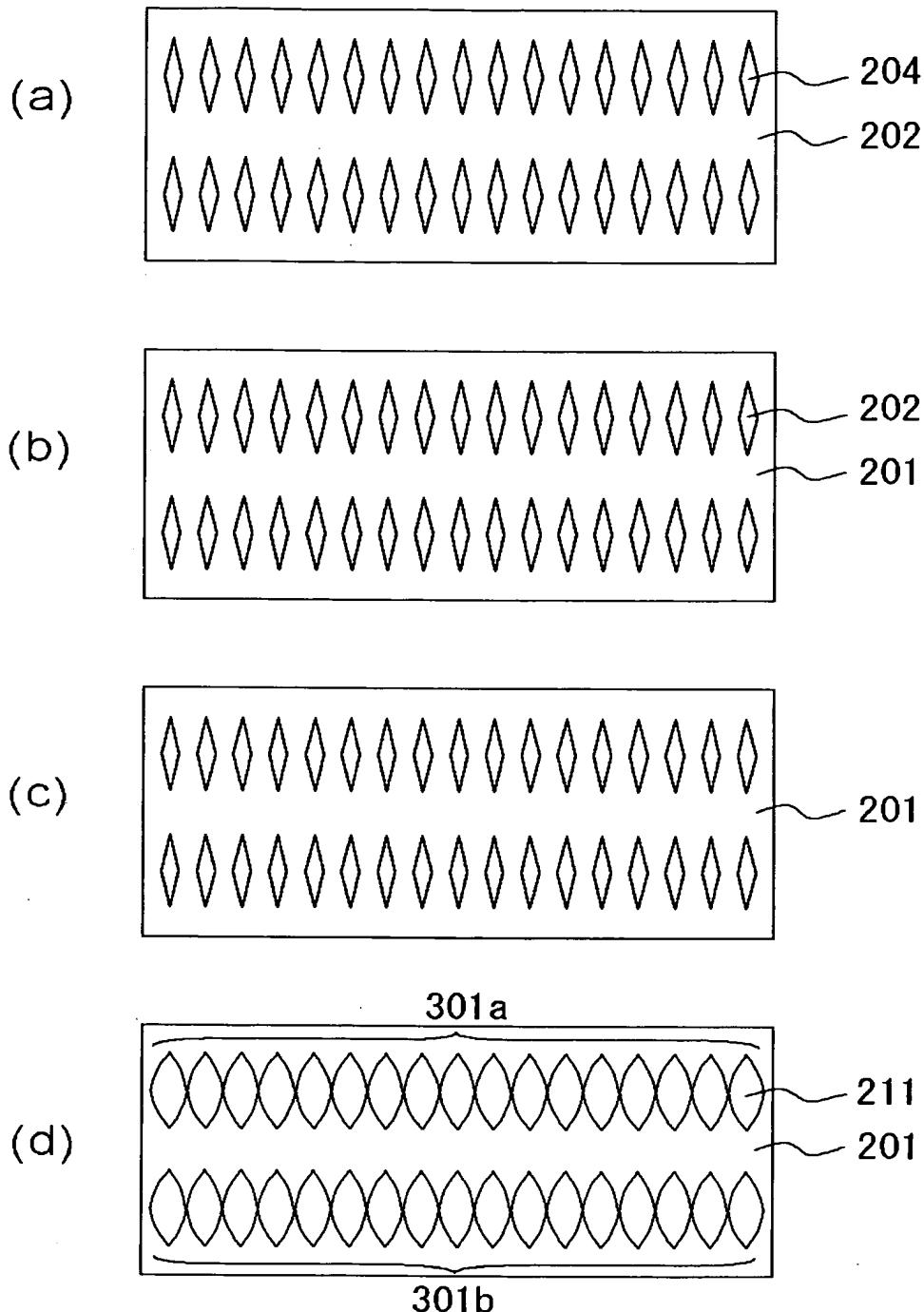


FIG. 8

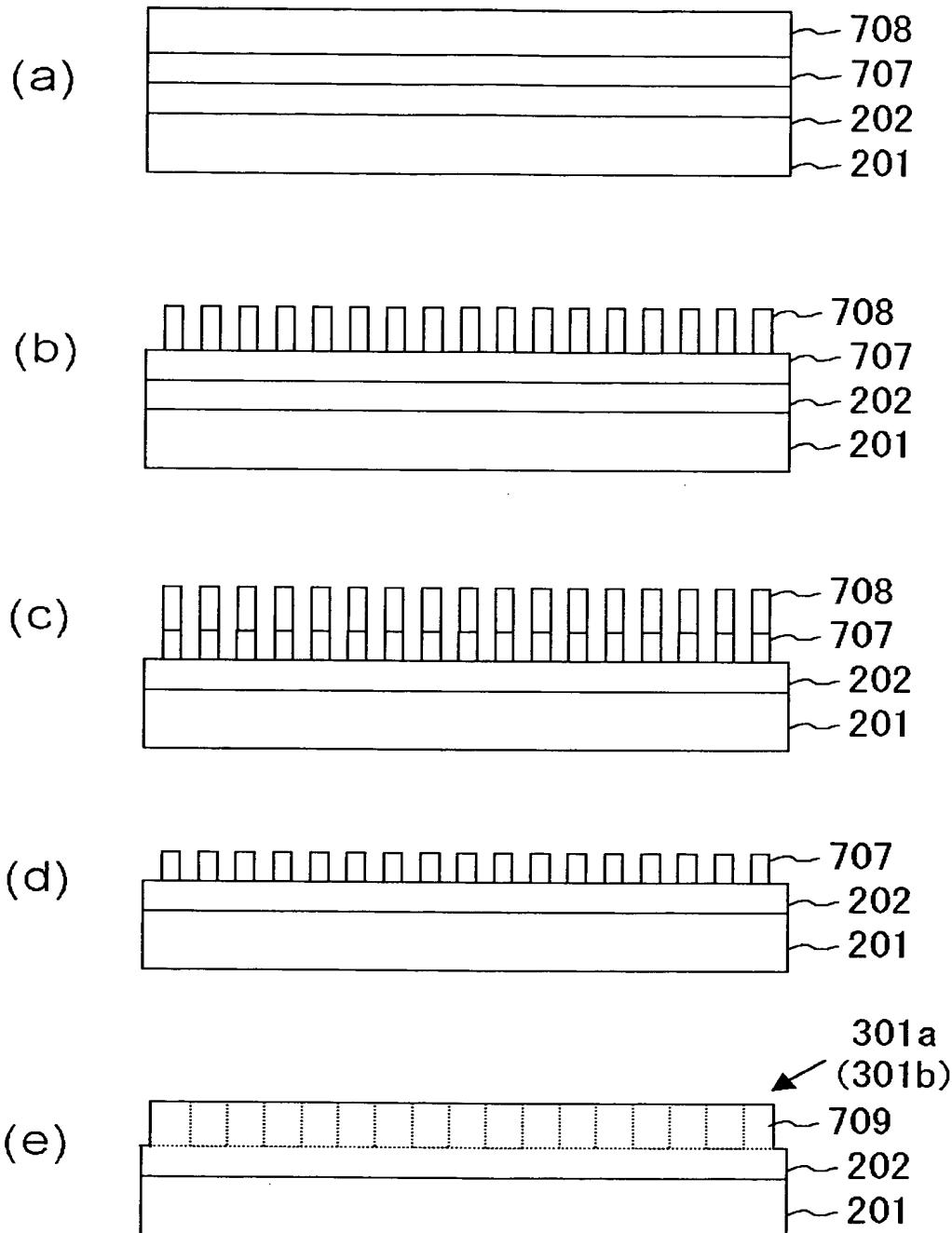
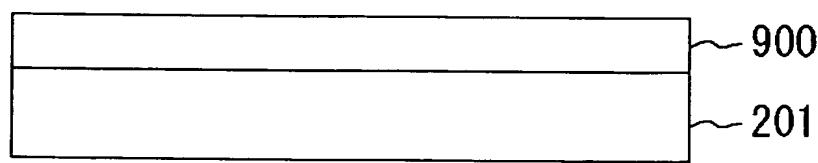
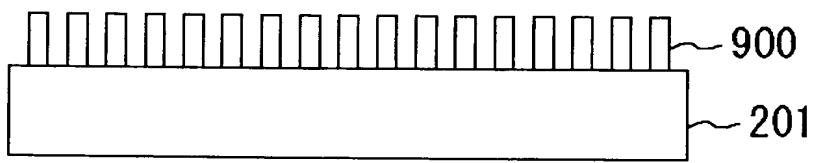


FIG. 9.

(a)



(b)



(c)

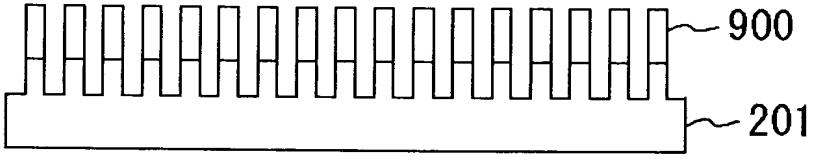


FIG. 10

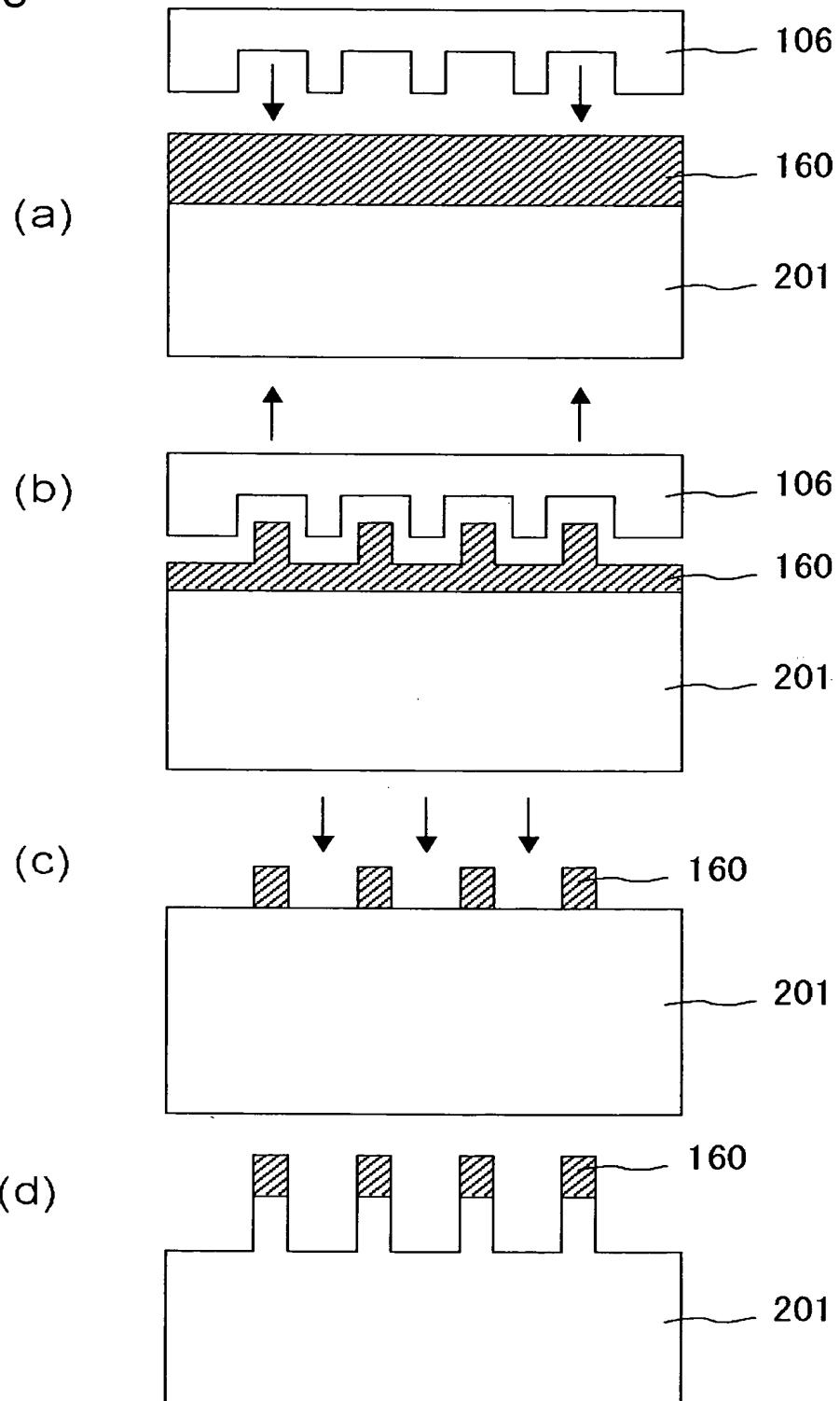


FIG. 11

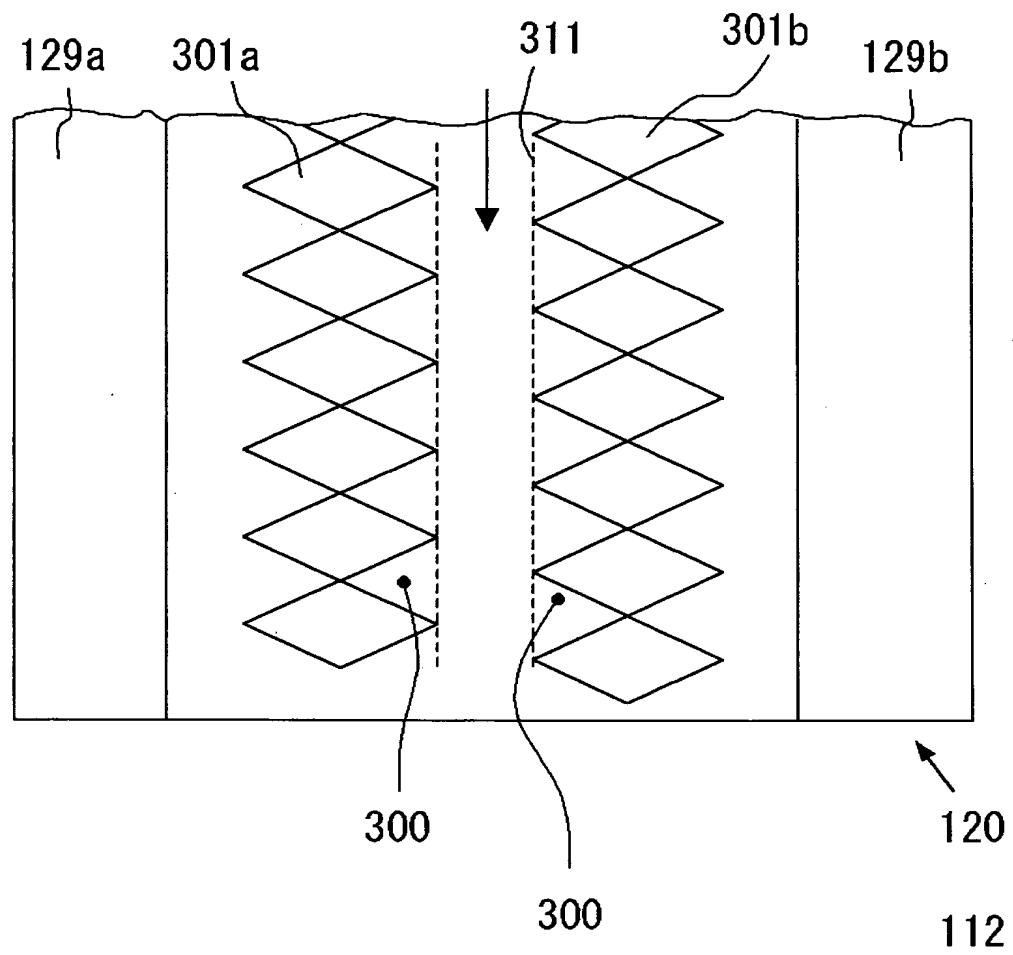


FIG. 12

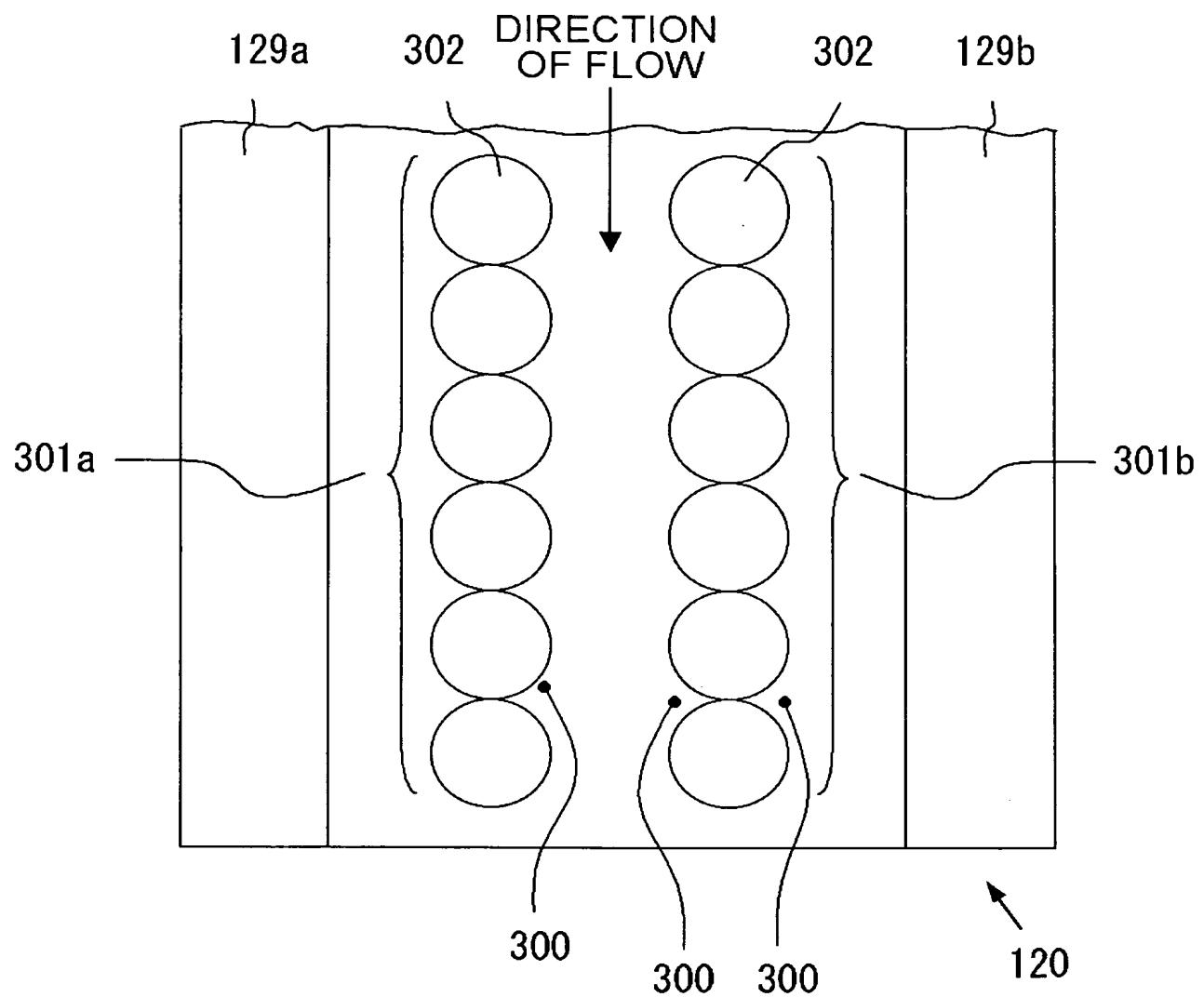


FIG. 13

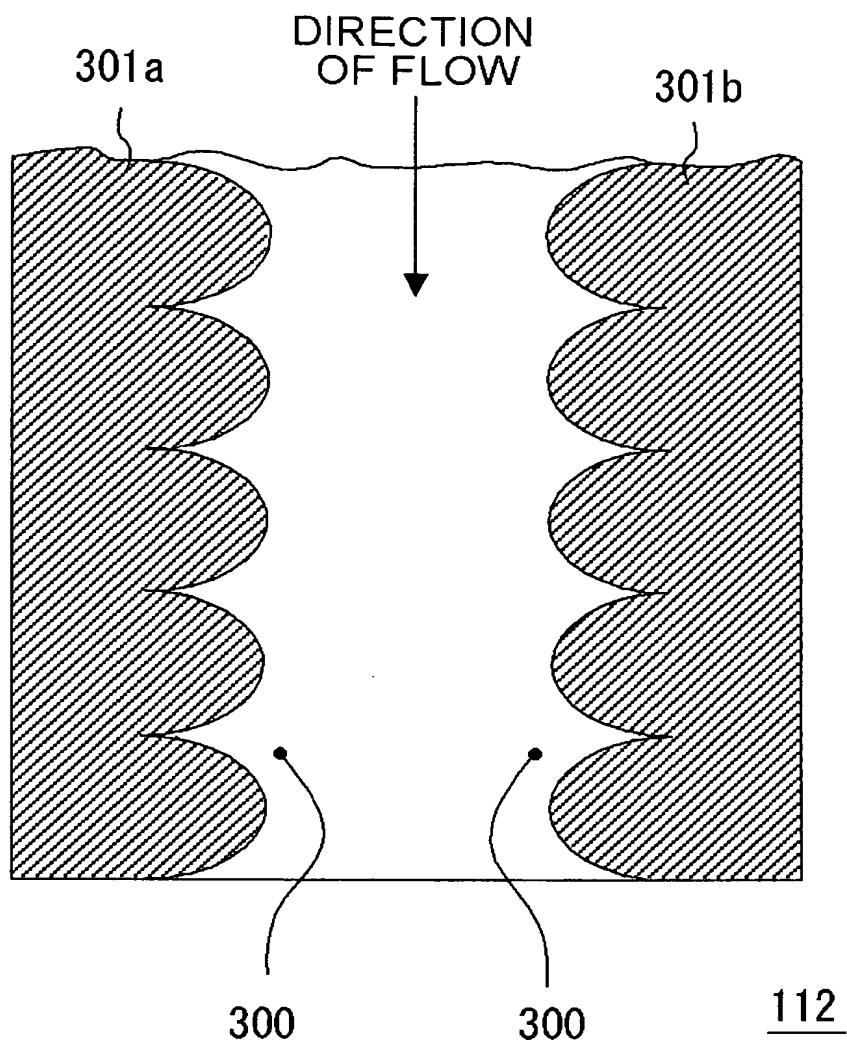


FIG. 14

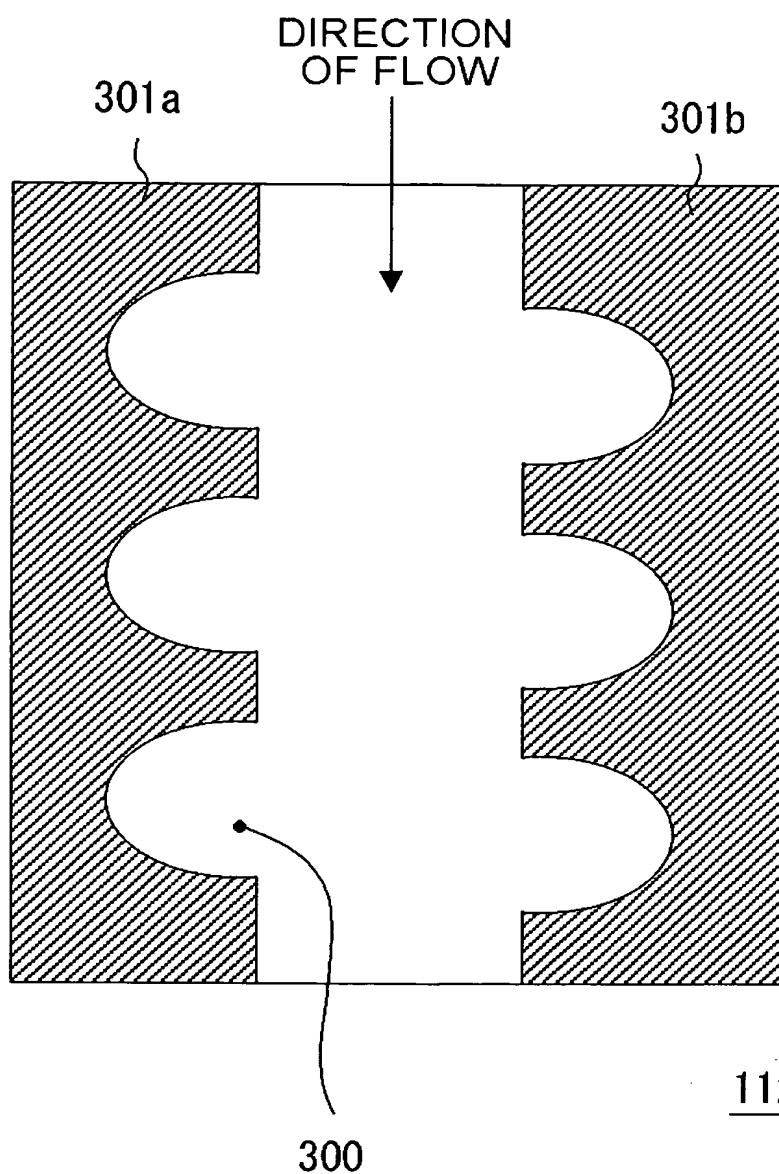
112

FIG. 15

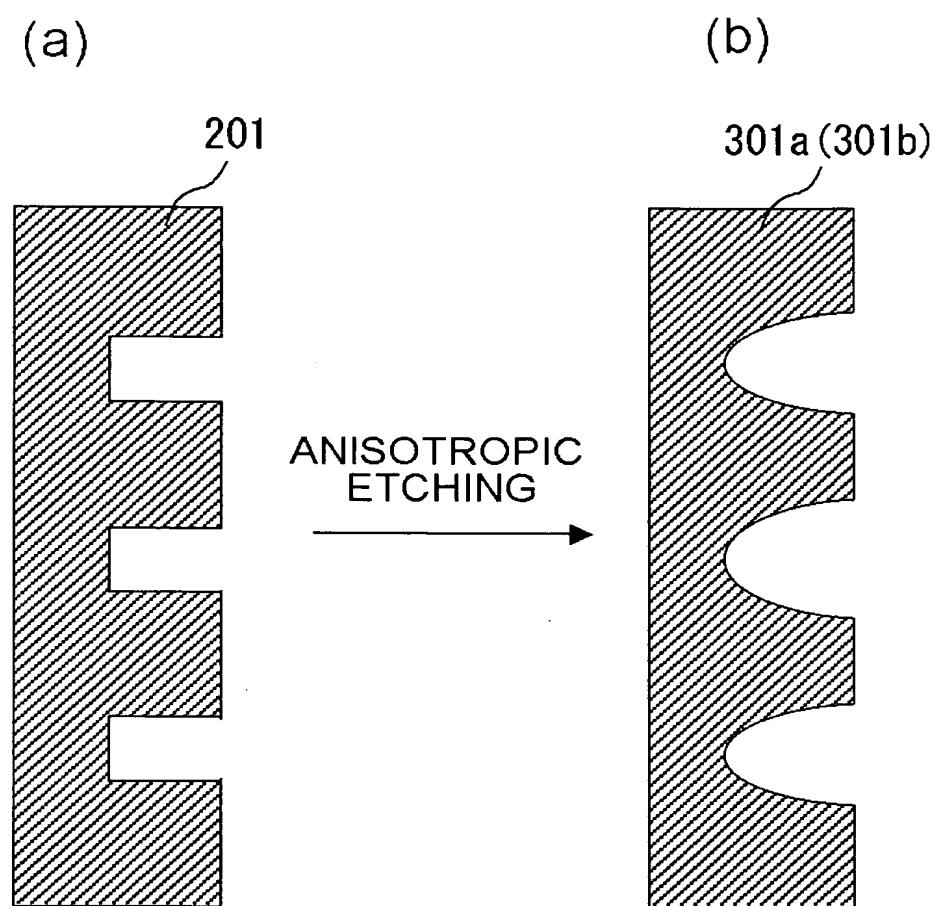


FIG. 16

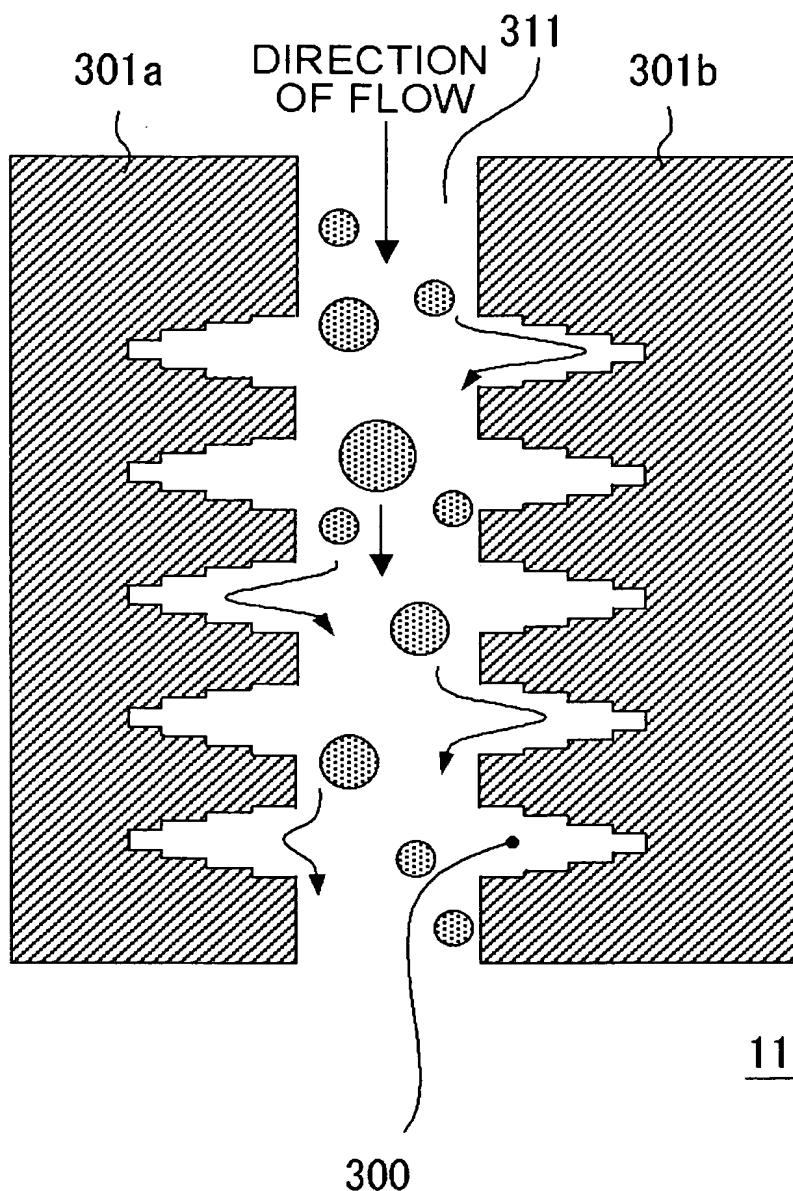


FIG. 17

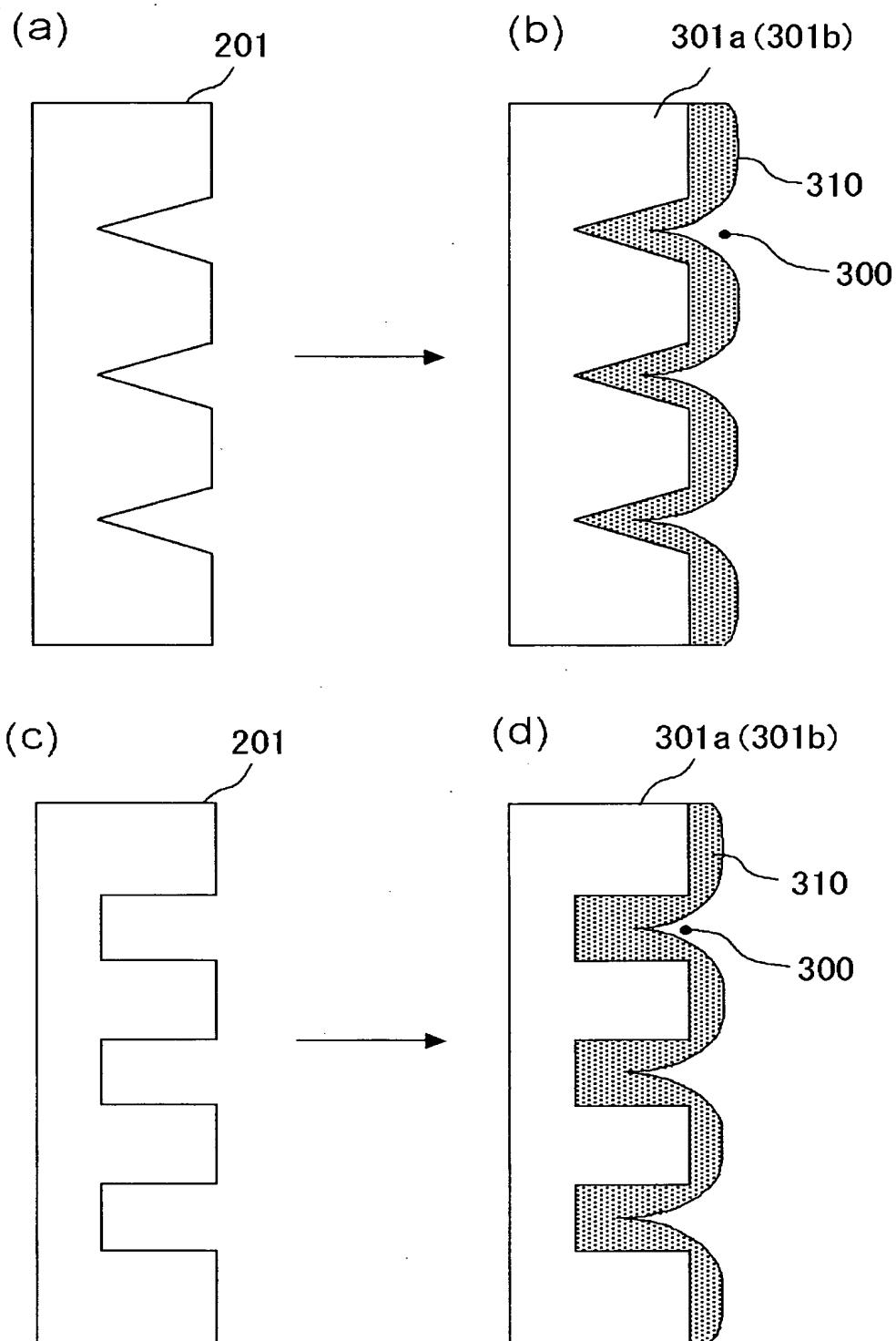
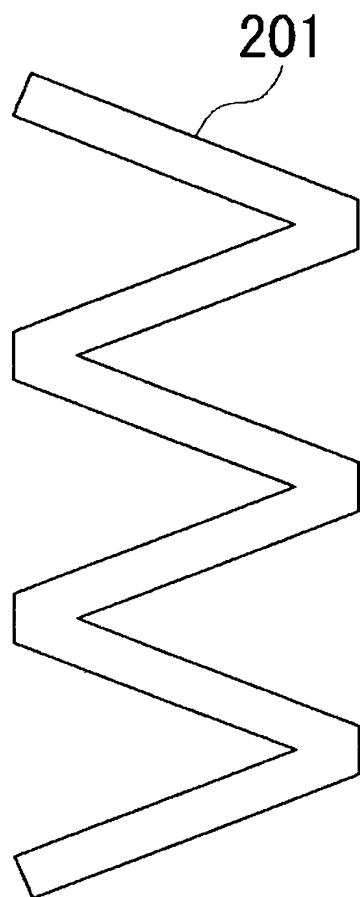


FIG. 18

(a)



(b)

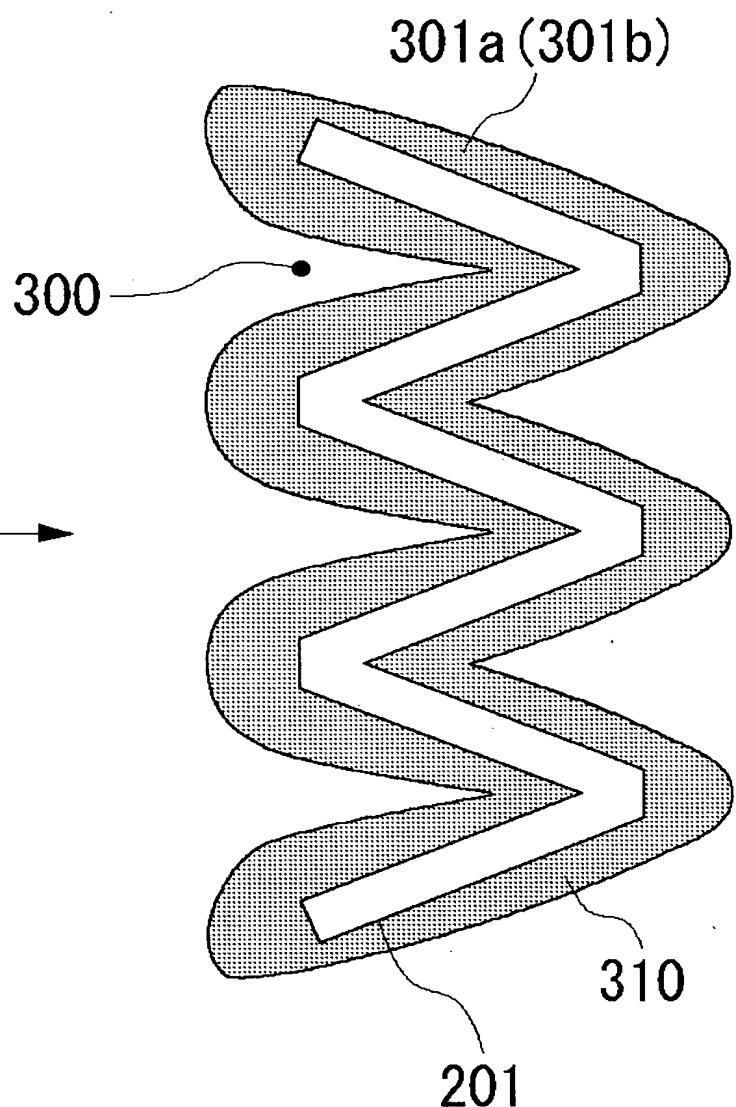
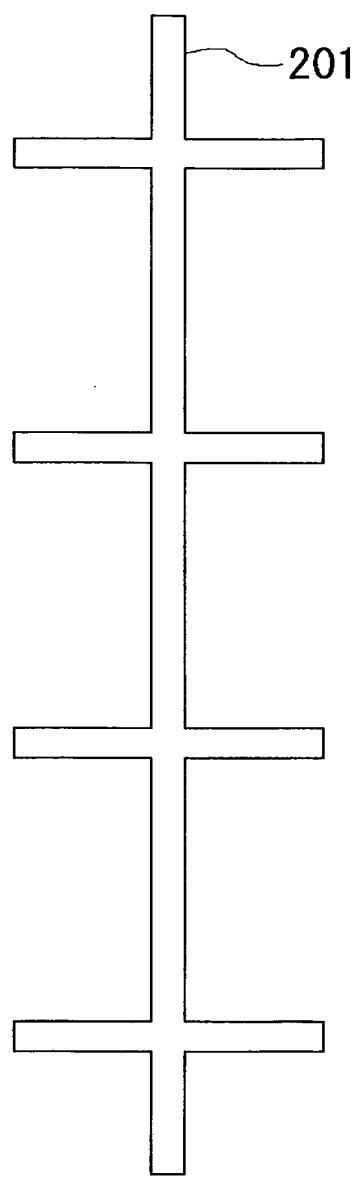


FIG. 19

(a)



(b)

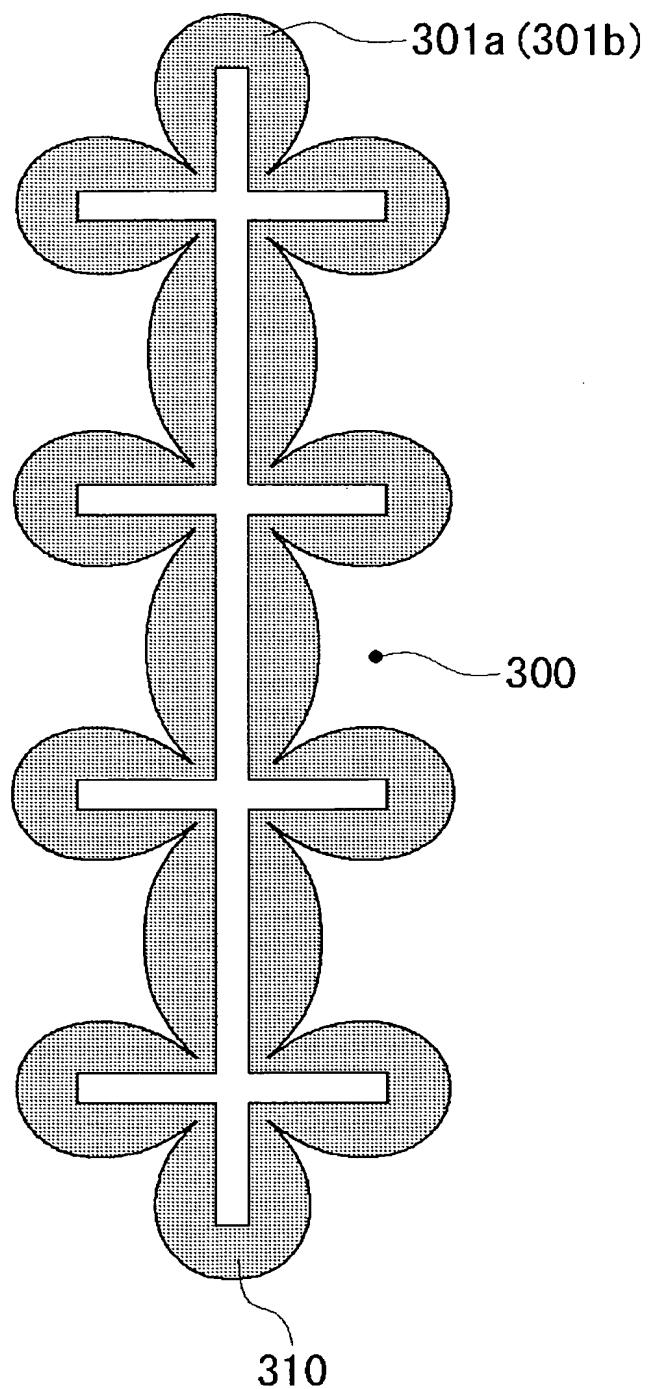


FIG. 20

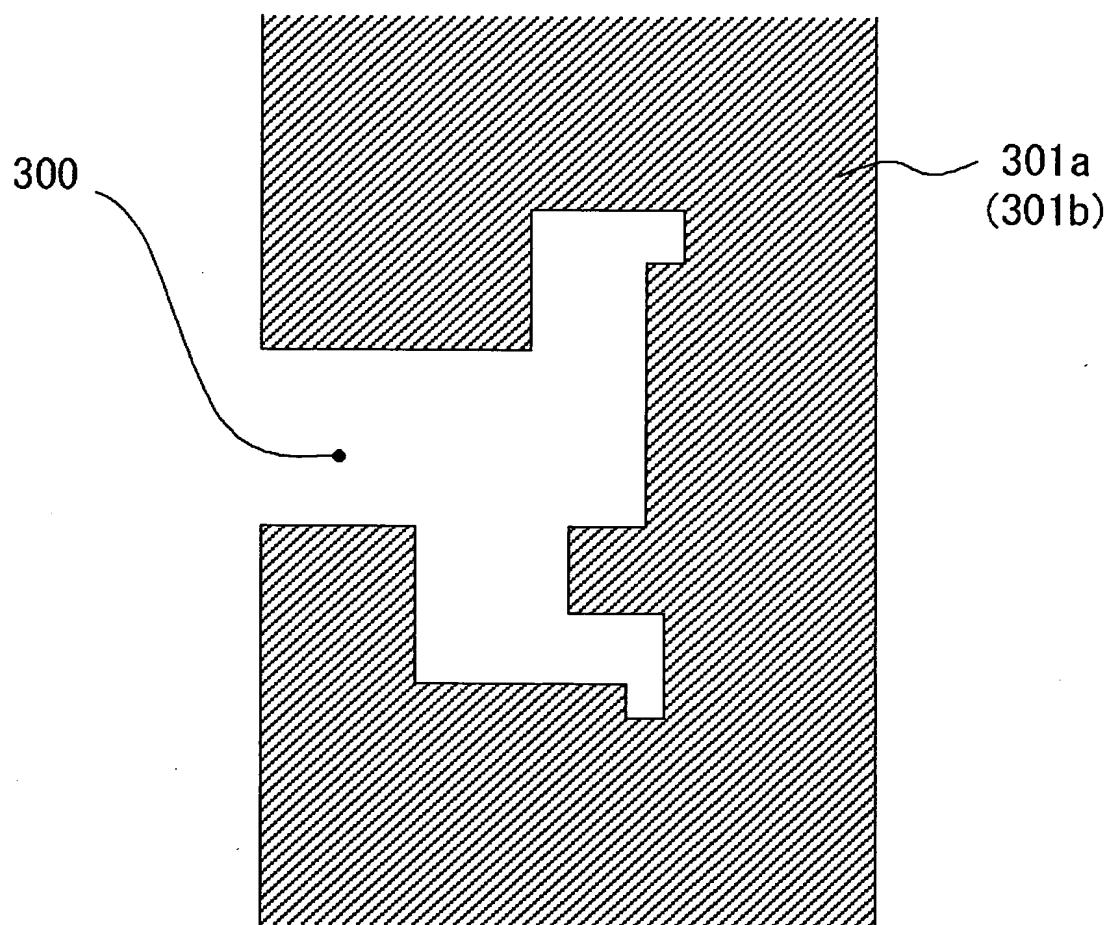


FIG. 21

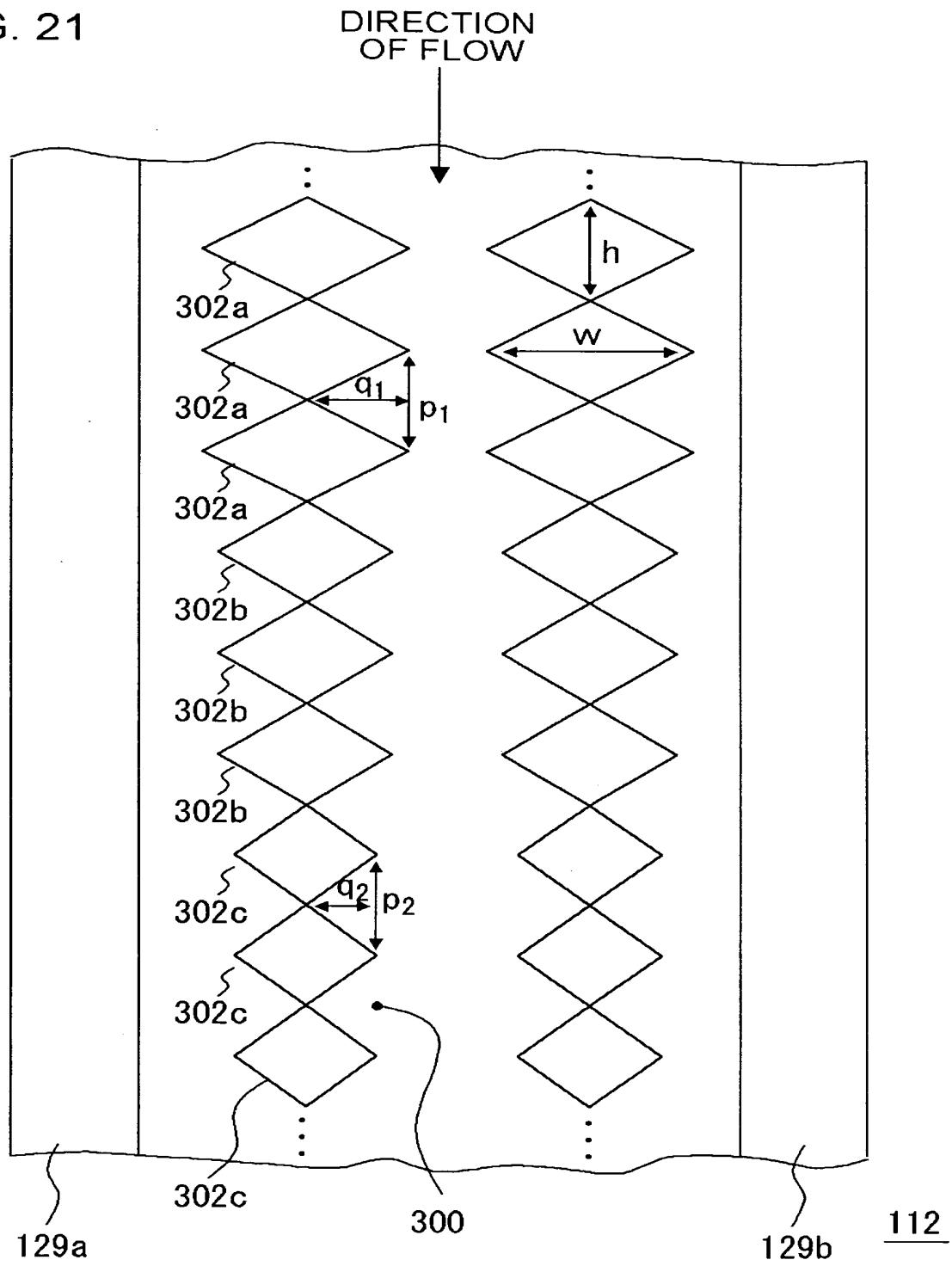


FIG. 22

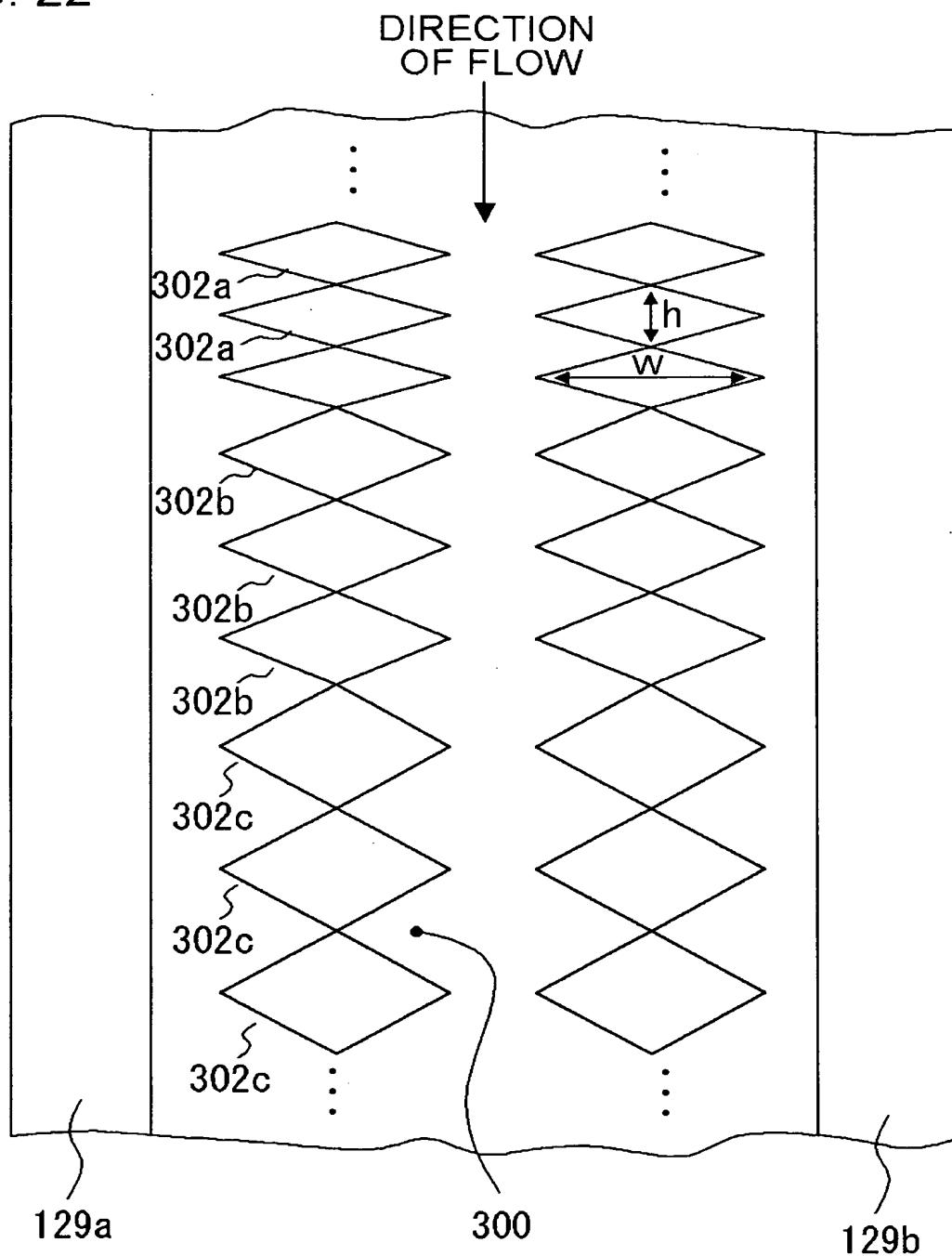


FIG. 23

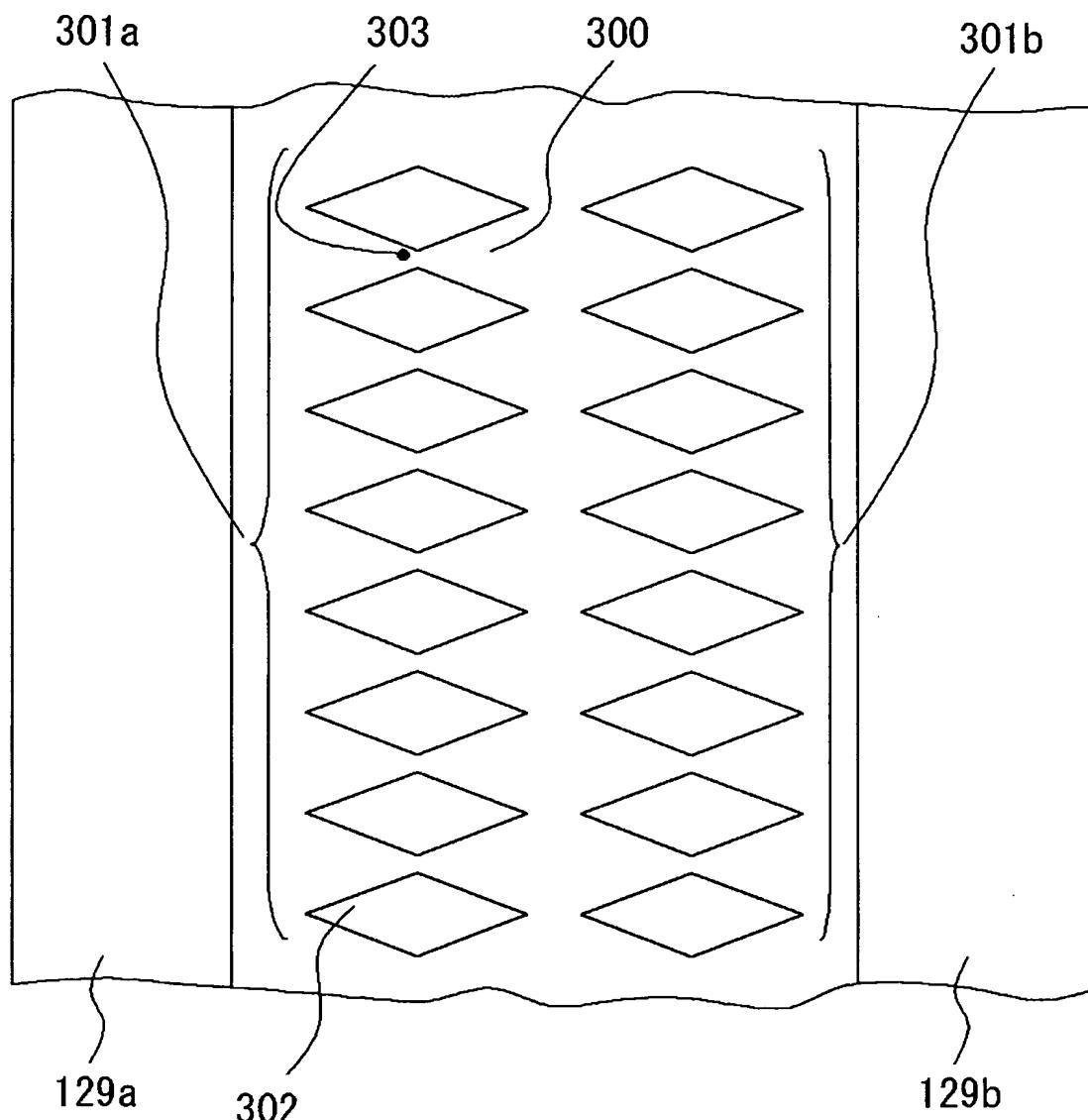
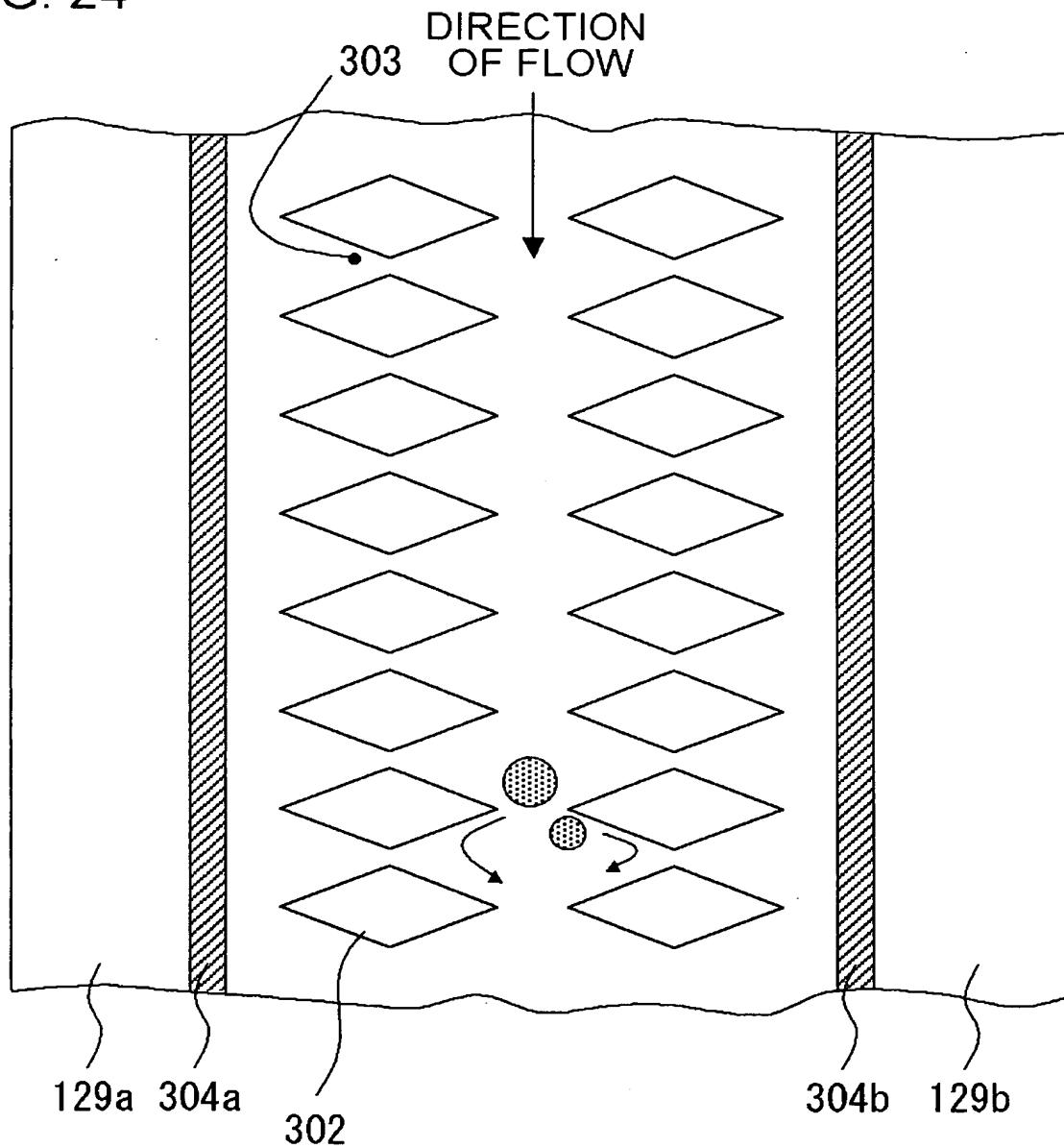


FIG. 24



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FIG. 25

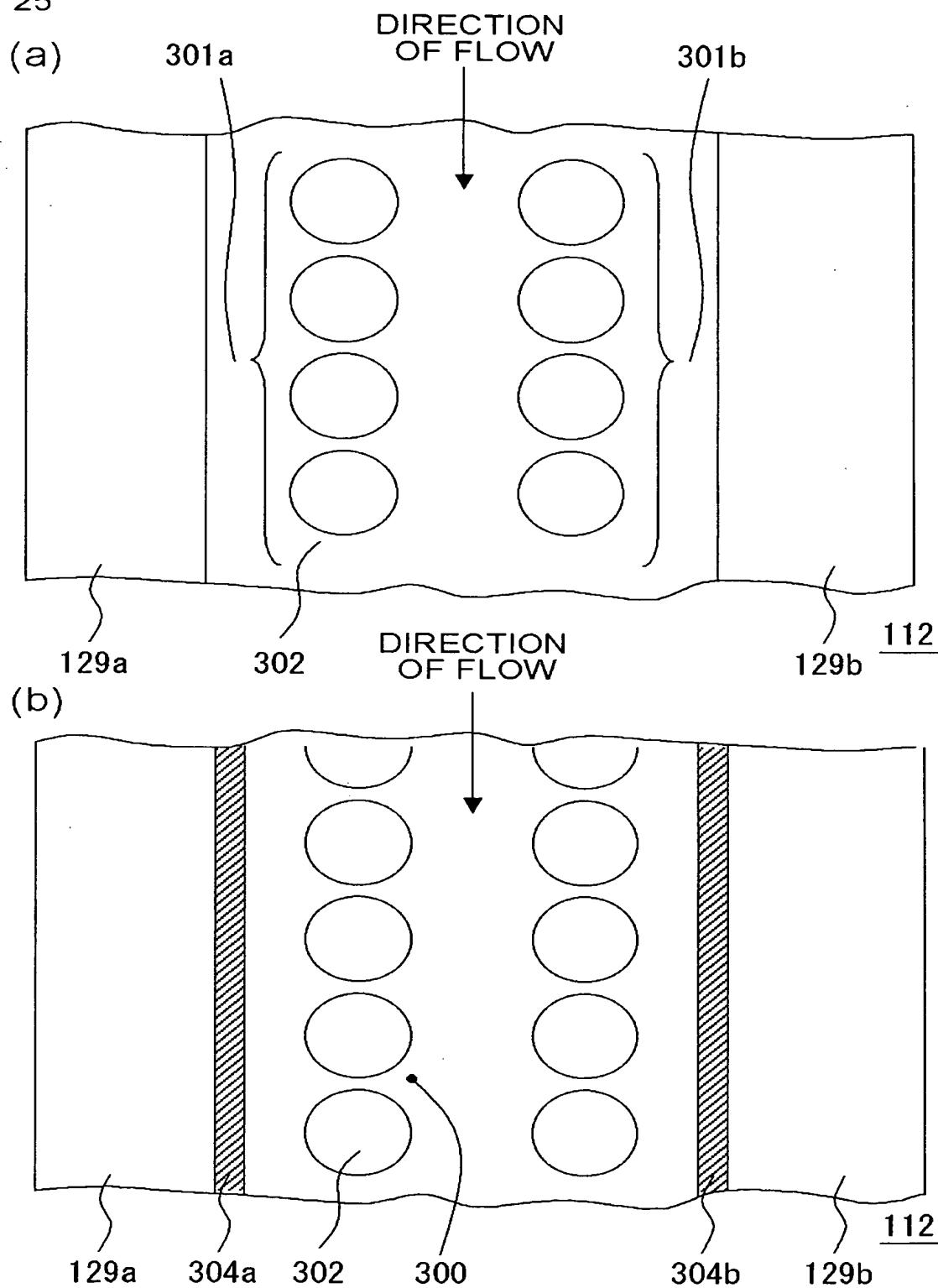


FIG. 26

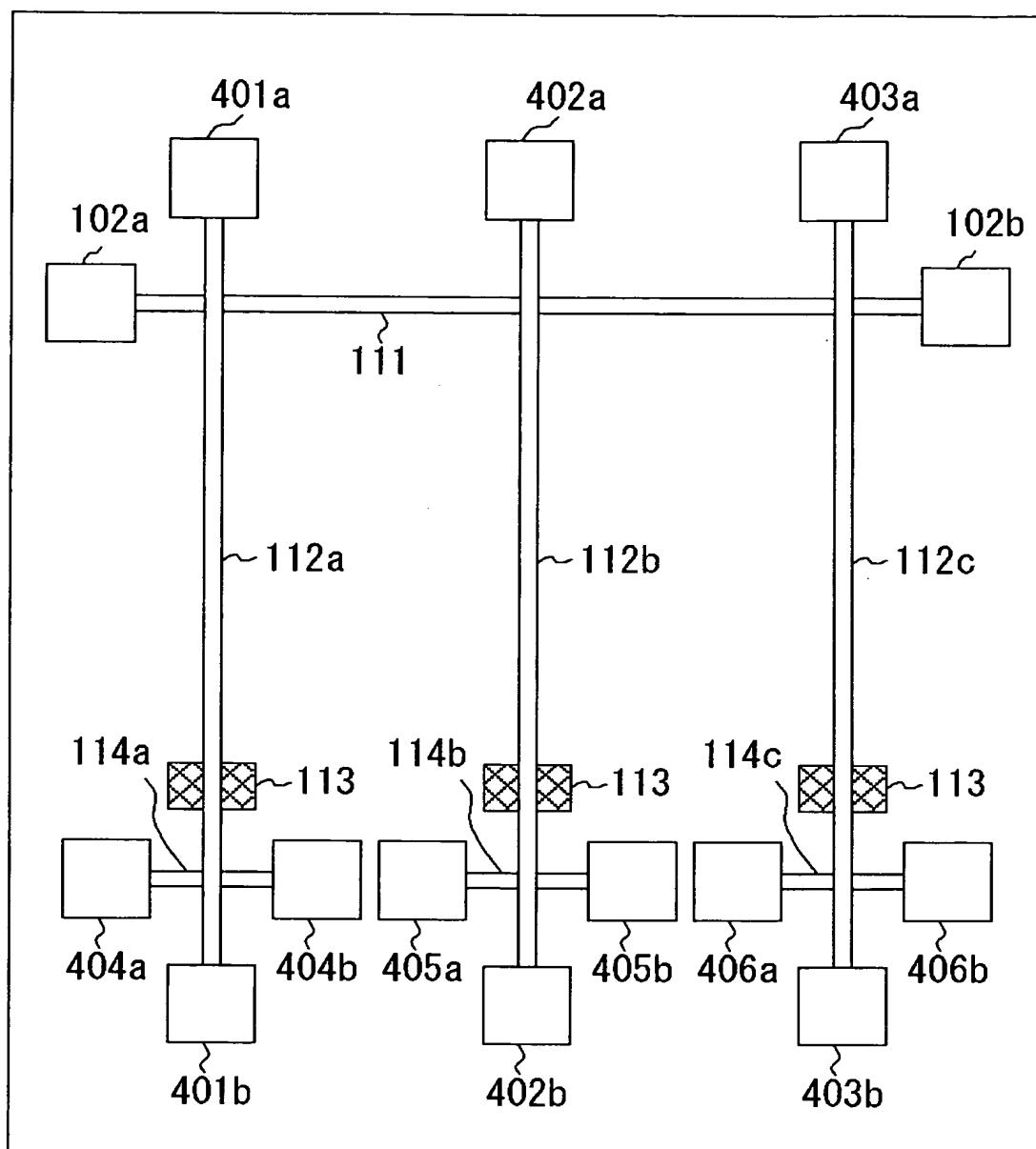


FIG. 27

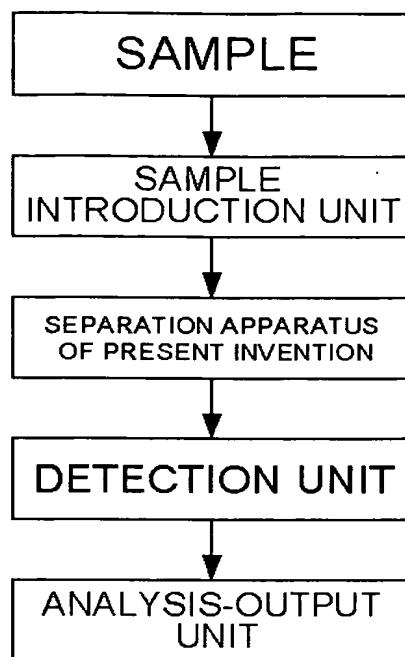


FIG. 28

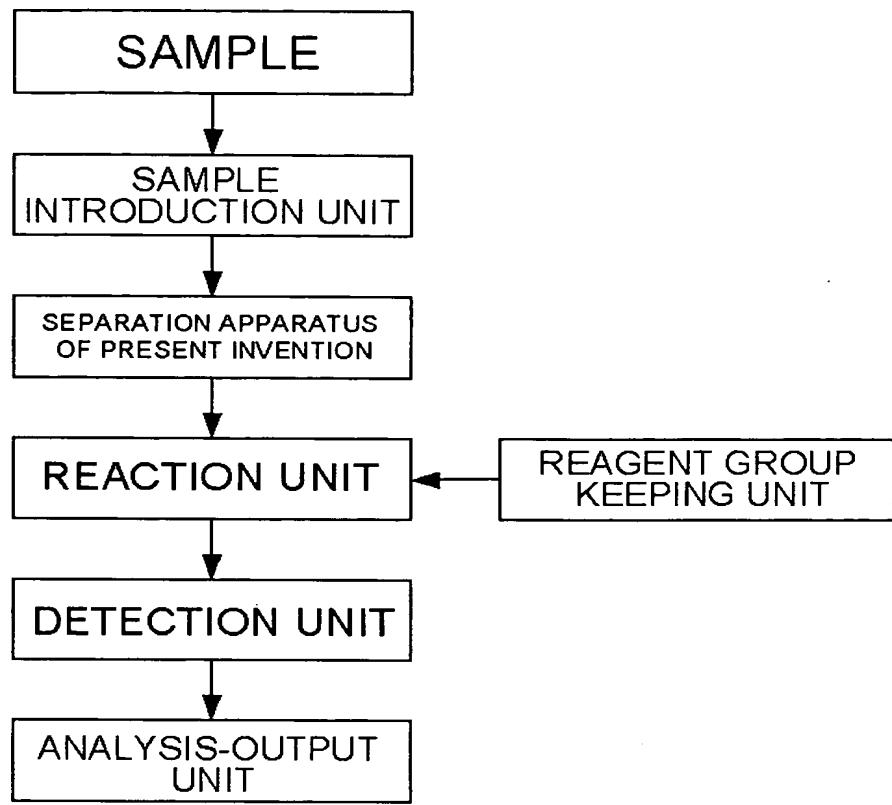


FIG. 29

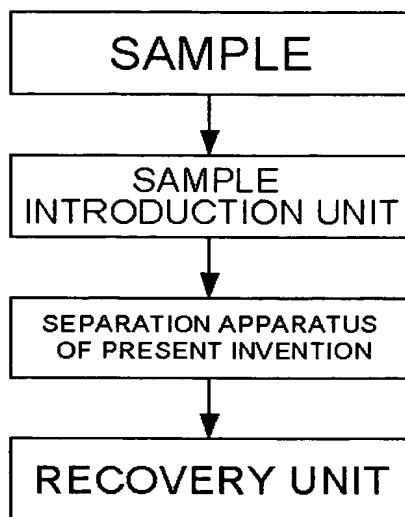


FIG. 30

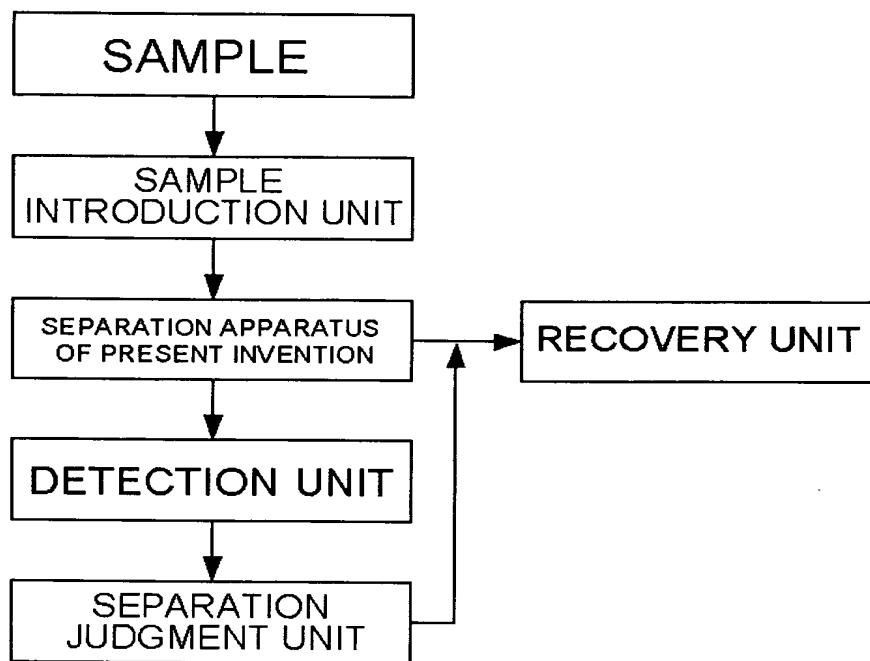


FIG. 31

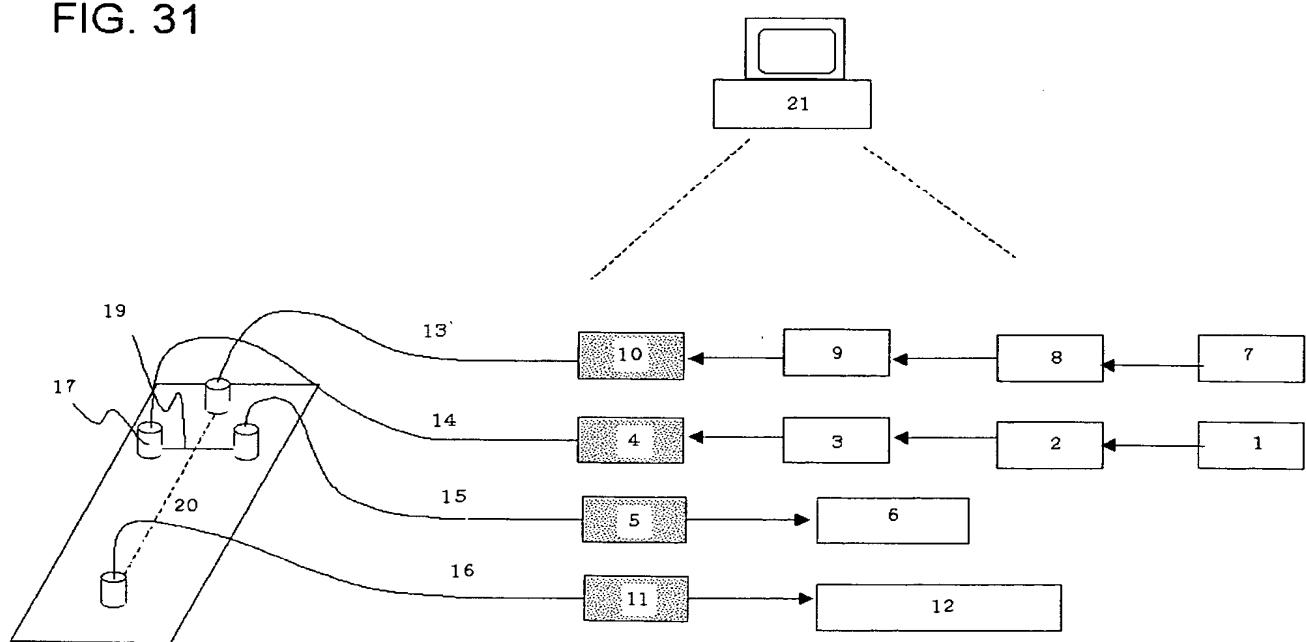
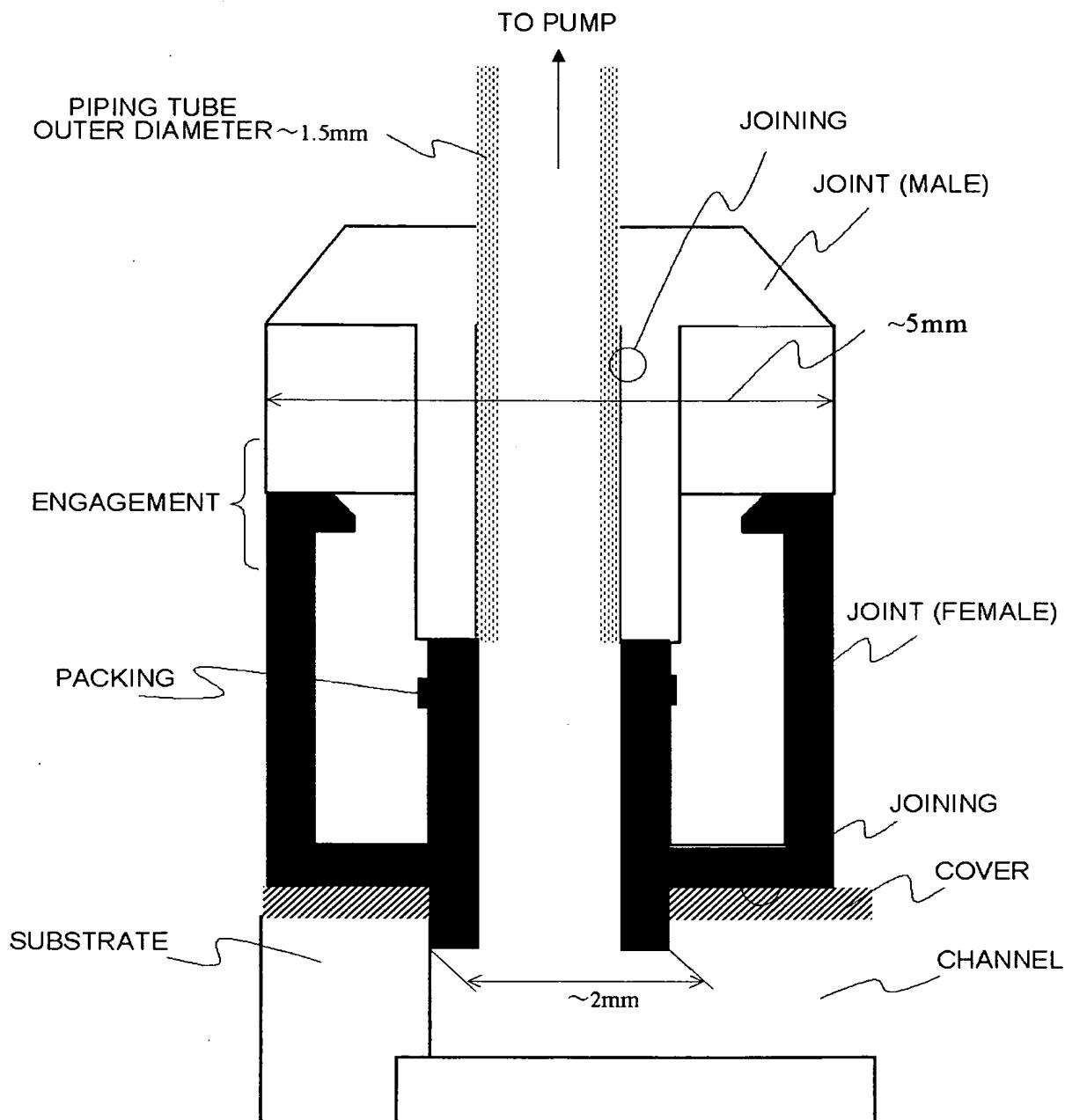


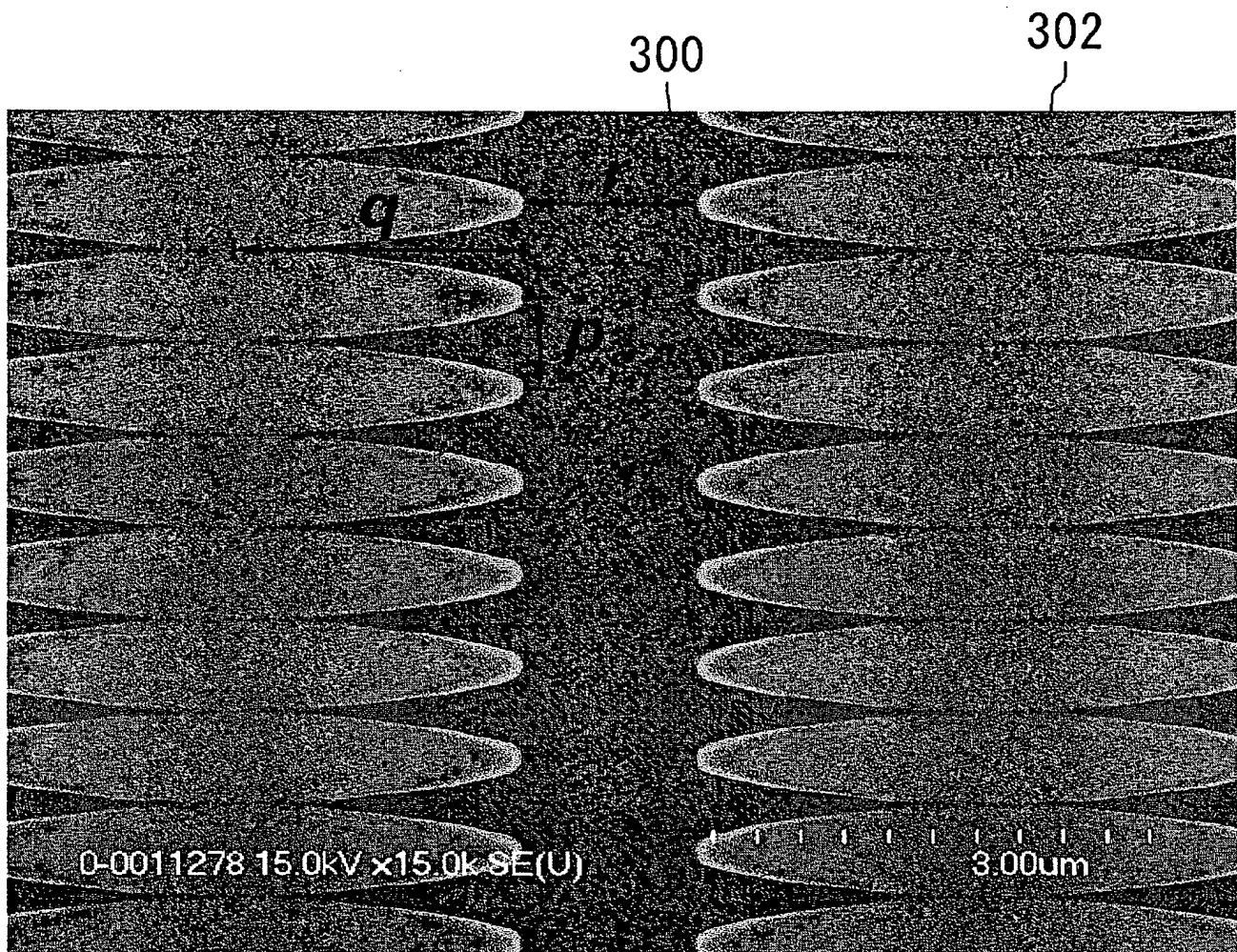
FIG. 32



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FIG. 33

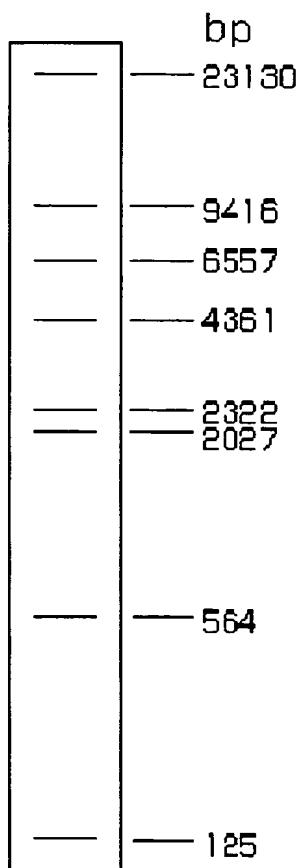


112

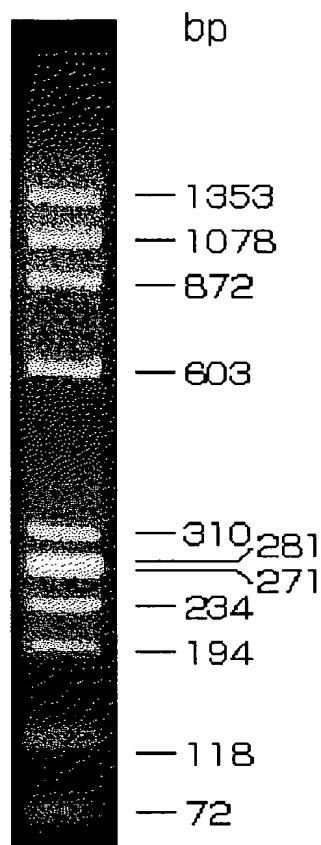
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FIG. 34

(a)

 λ -Hind III digest

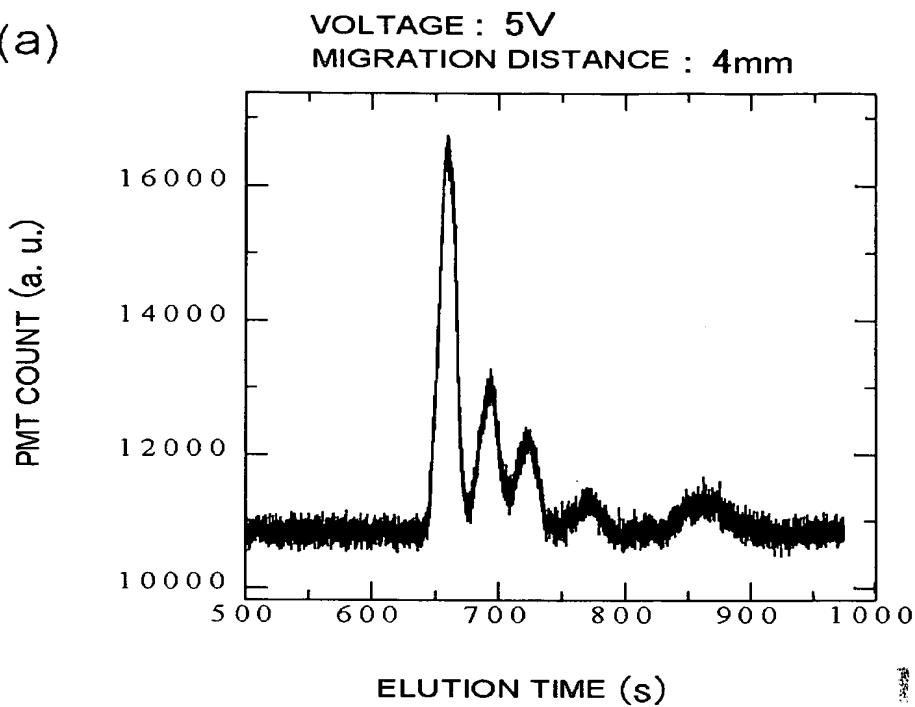
(b)

 ϕ X174 Hae III digest

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FIG. 35

(a)



(b)

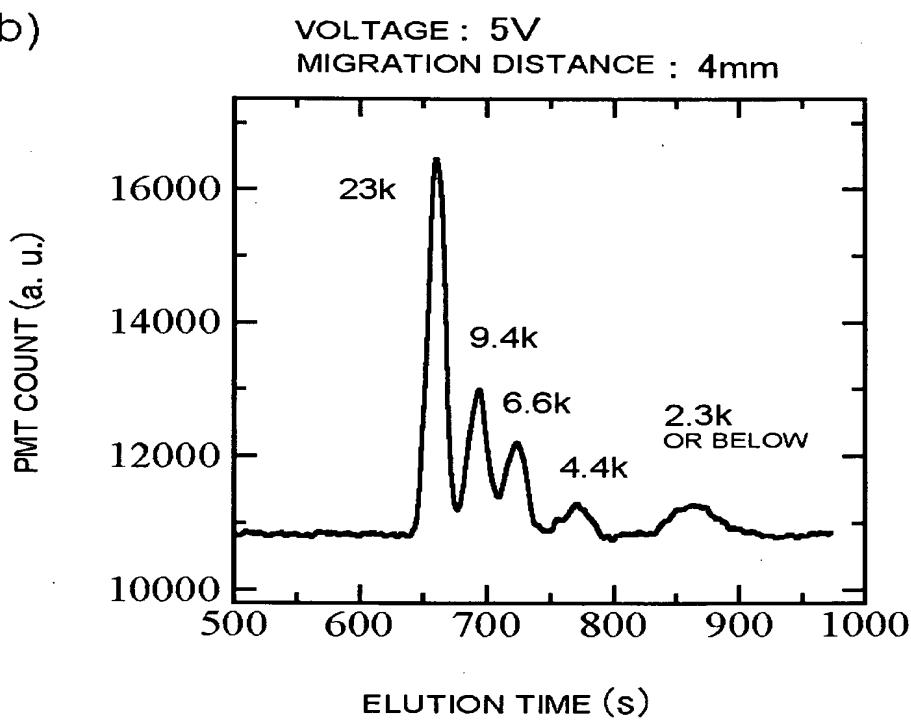
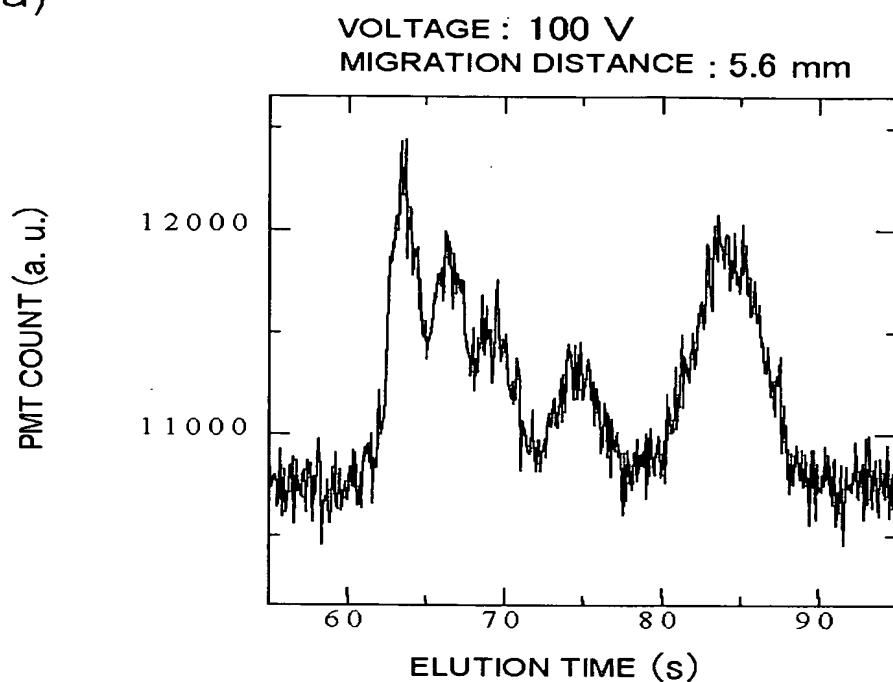


FIG. 36

(a)



(b)

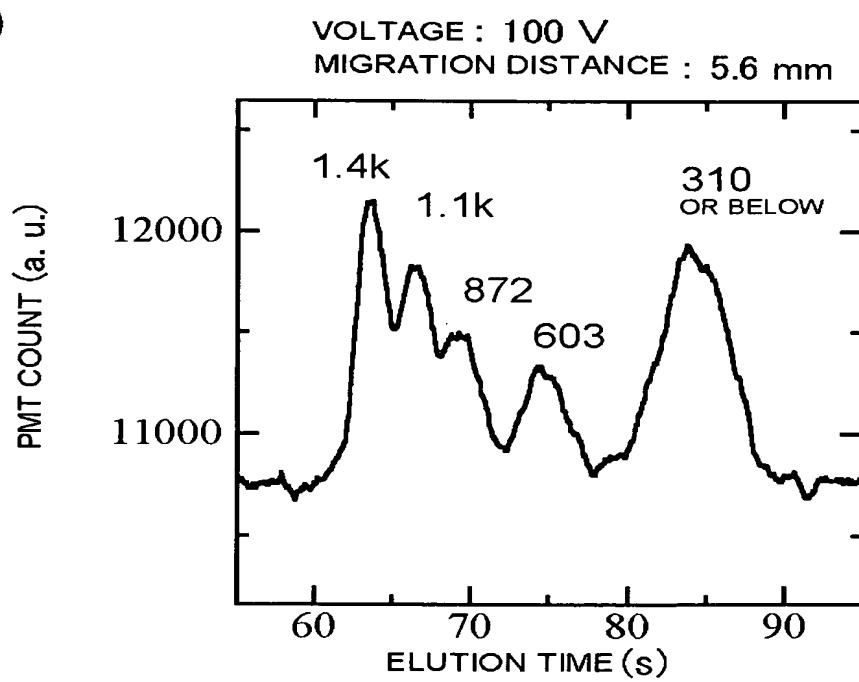
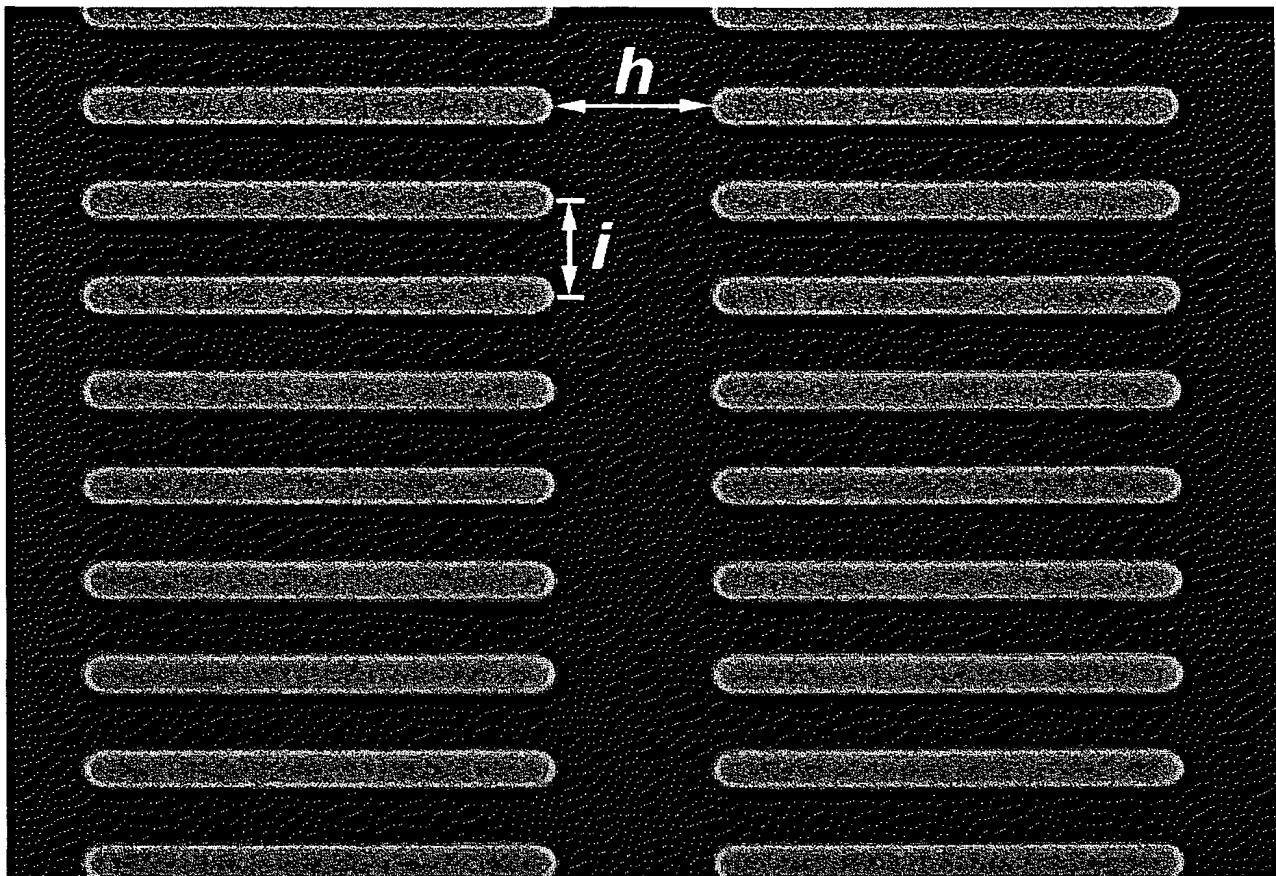


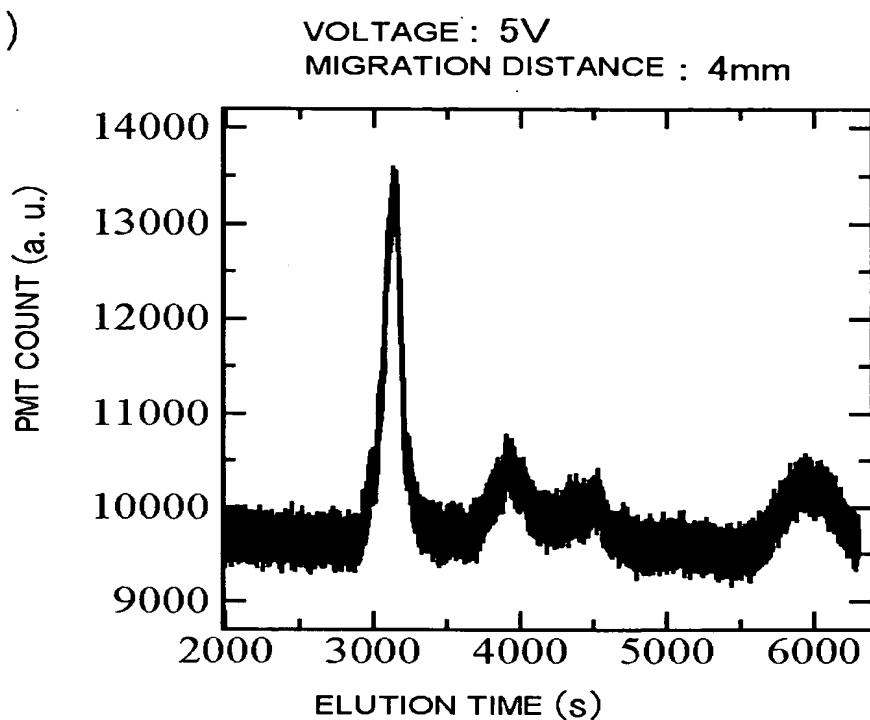
FIG. 37



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FIG. 38

(a)



(b)

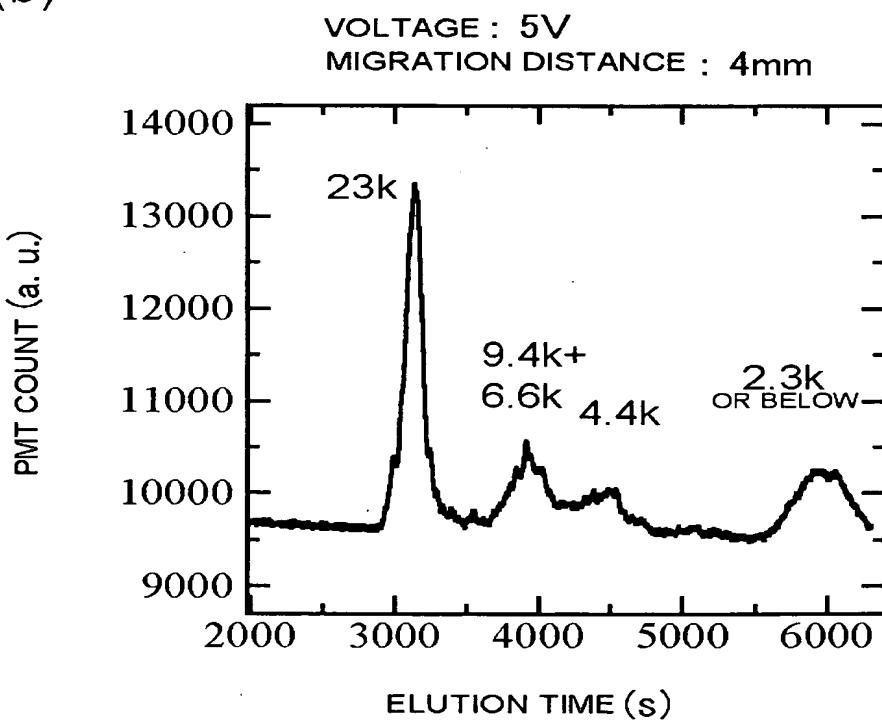


FIG. 39

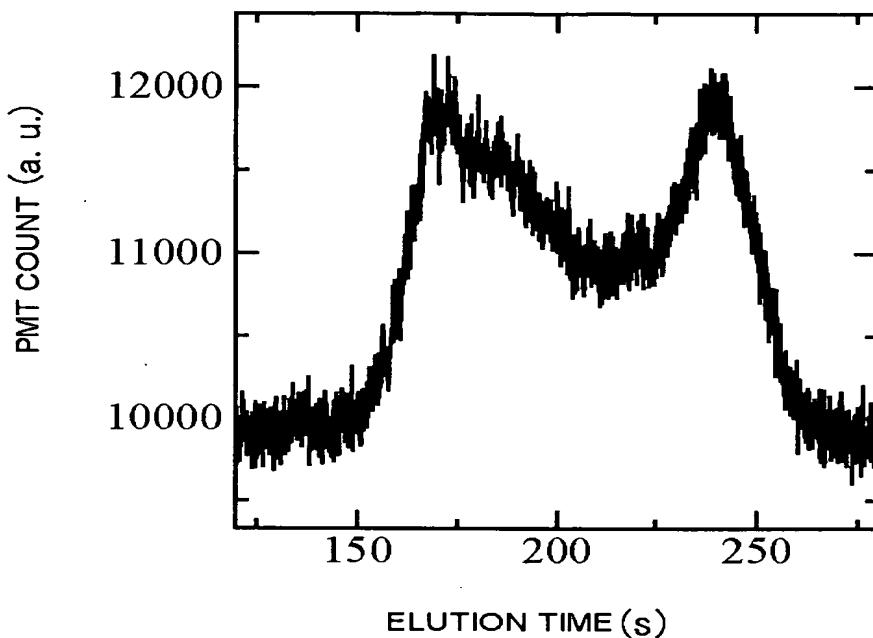
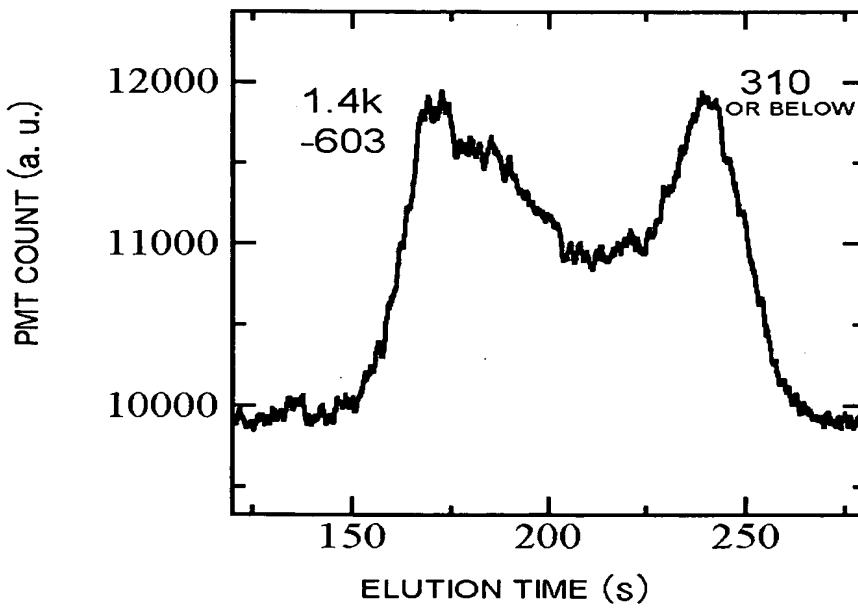
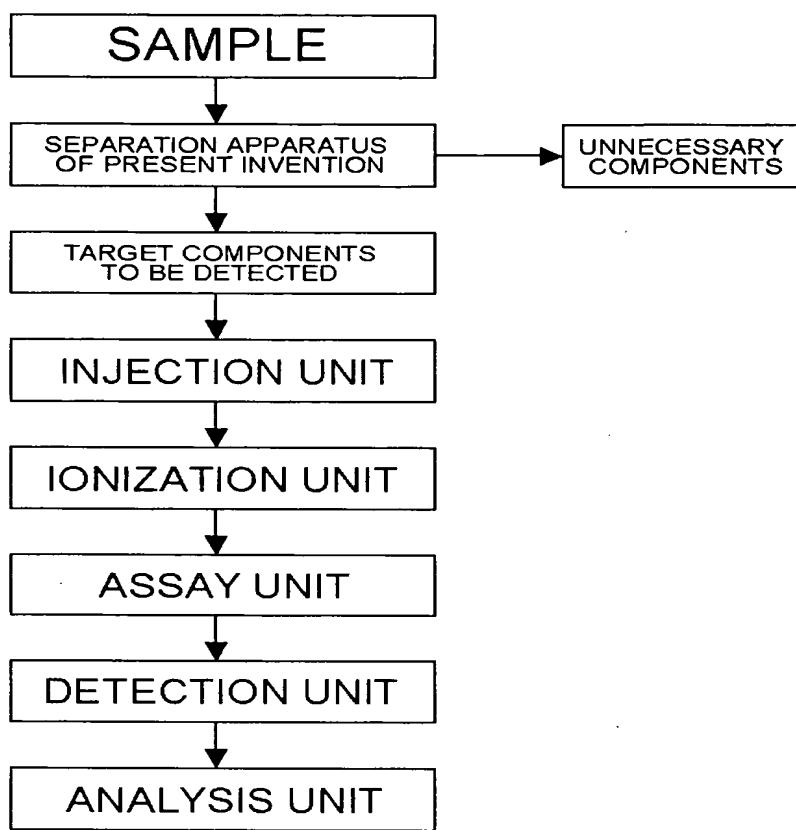
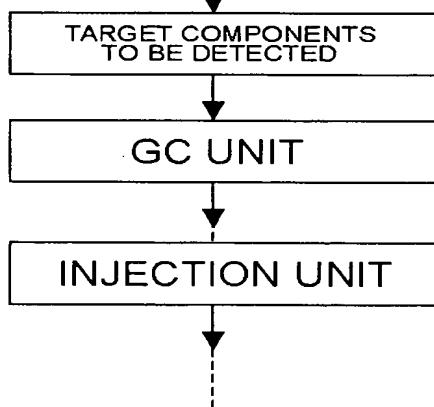
(a) VOLTAGE : 100 V
MIGRATION DISTANCE : 8 mm(b) VOLTAGE : 100 V
MIGRATION DISTANCE : 8 mm

FIG. 40

(a)



(b)



(c)

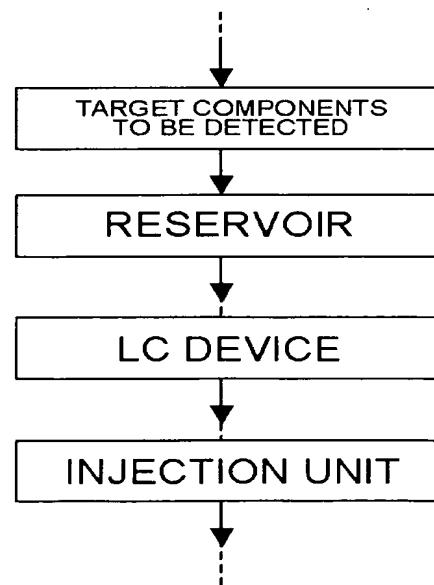
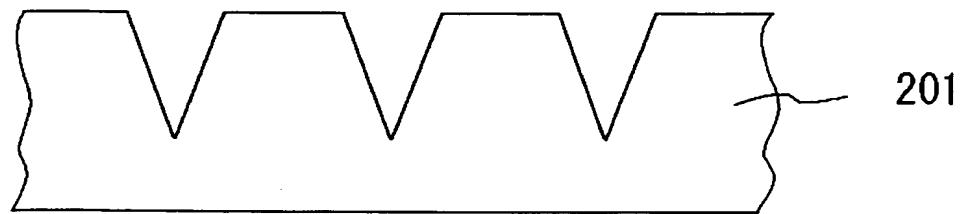


FIG. 41

(a)



(b)

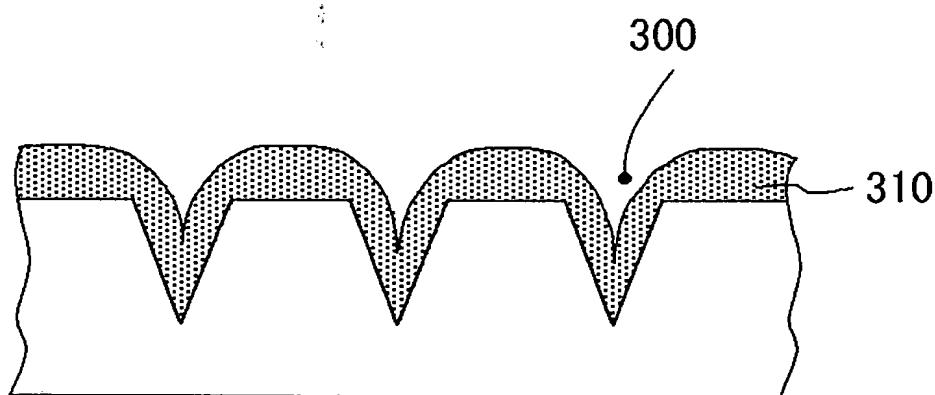
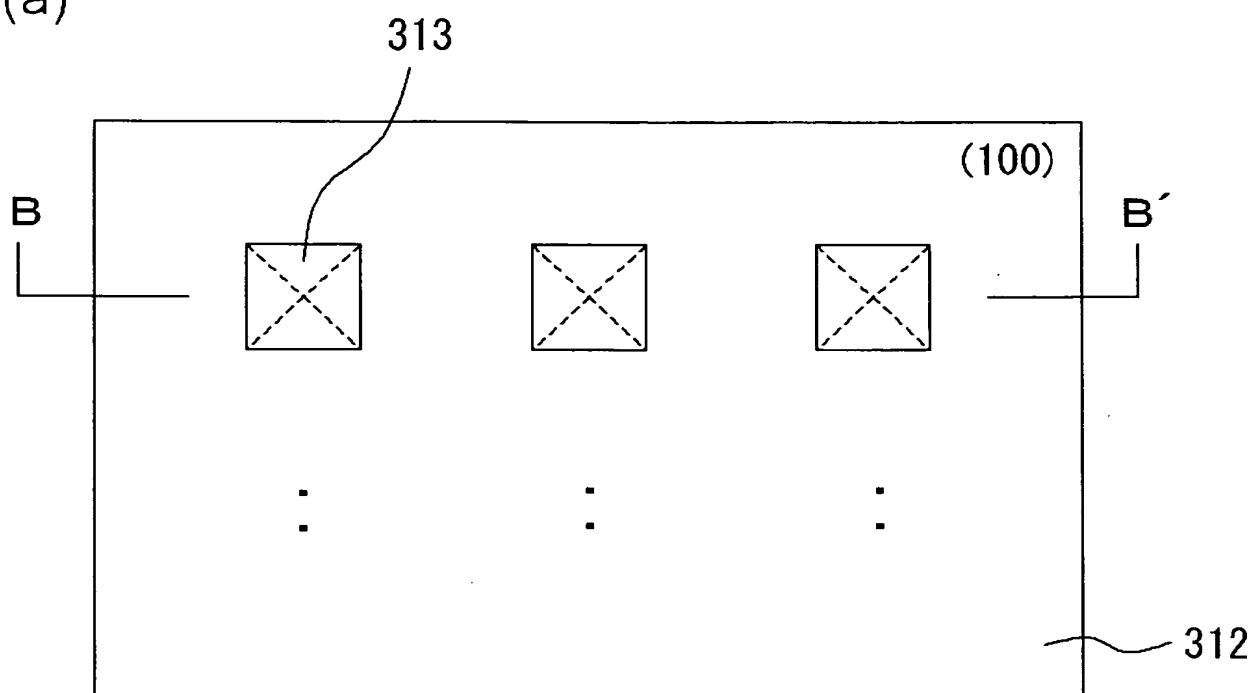


FIG. 42

(a)



(b)

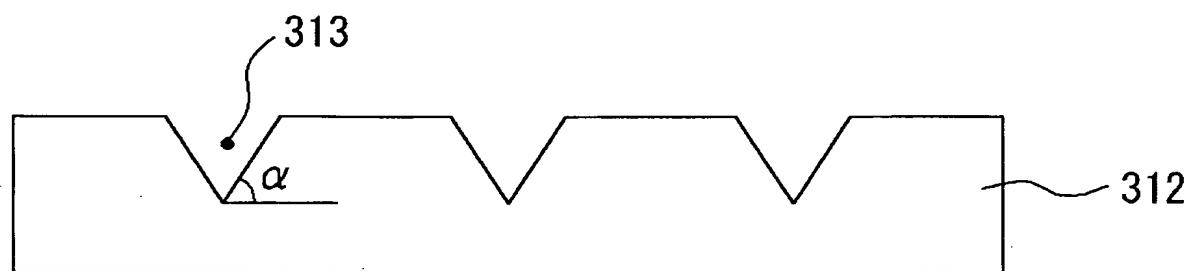


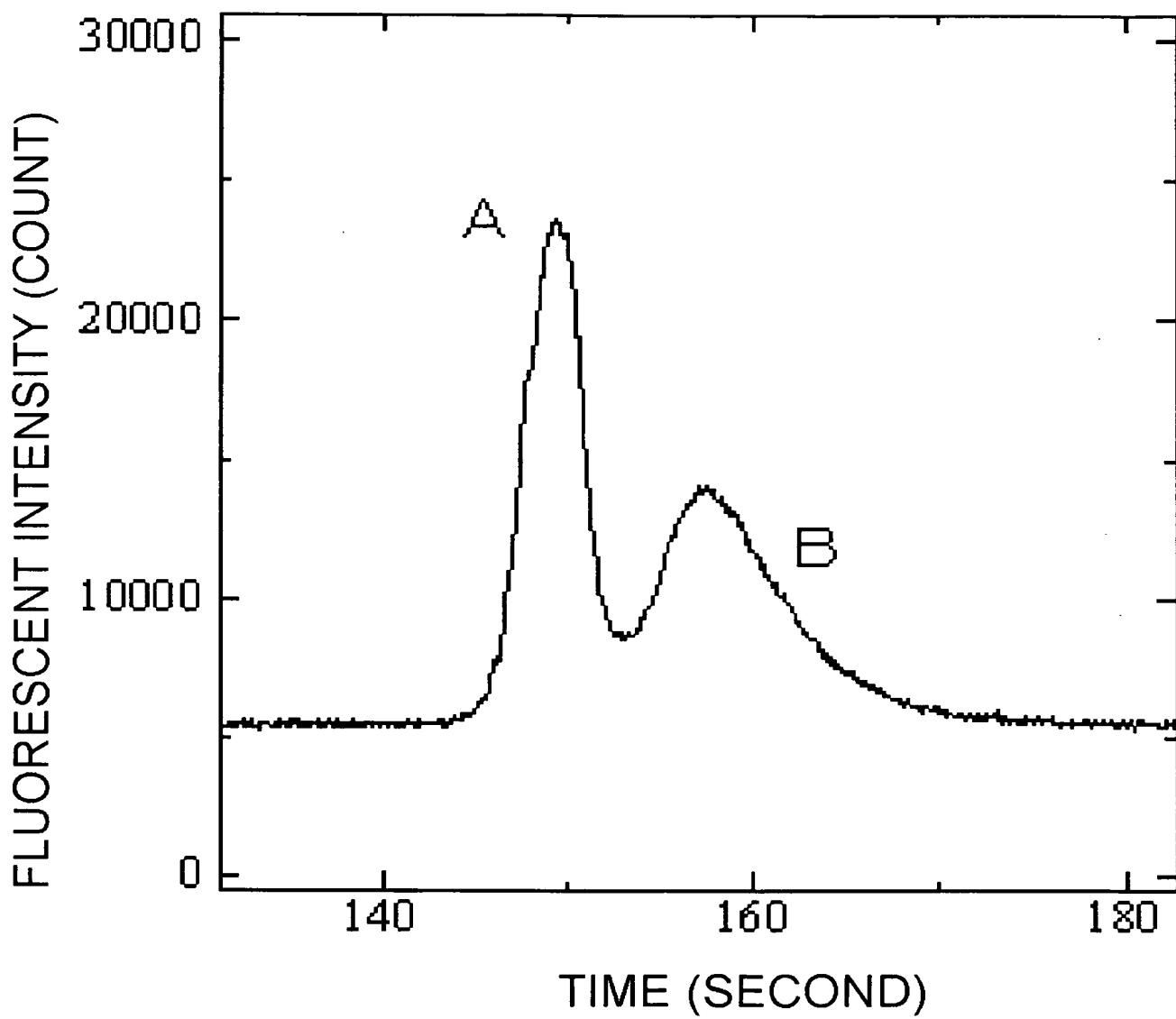
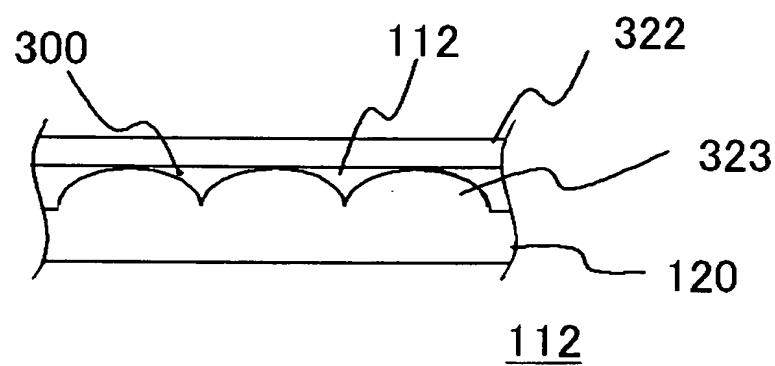
FIG. 43

FIG. 44

(a)



(b)

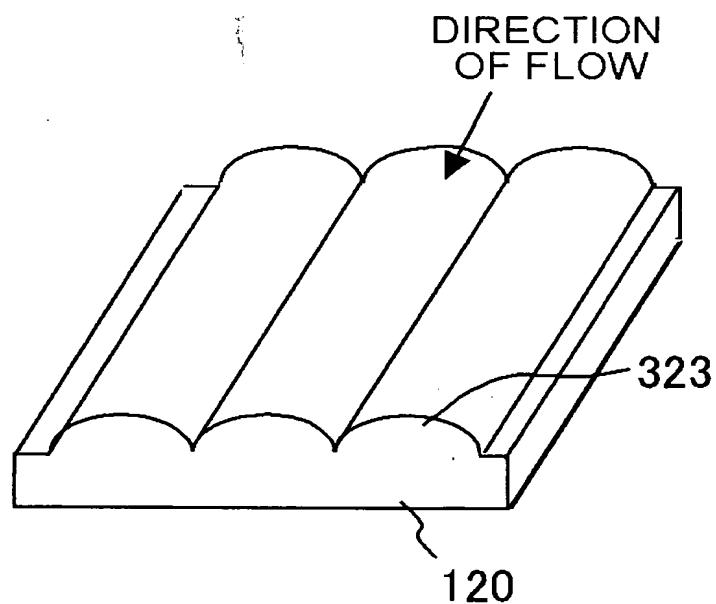


FIG. 45

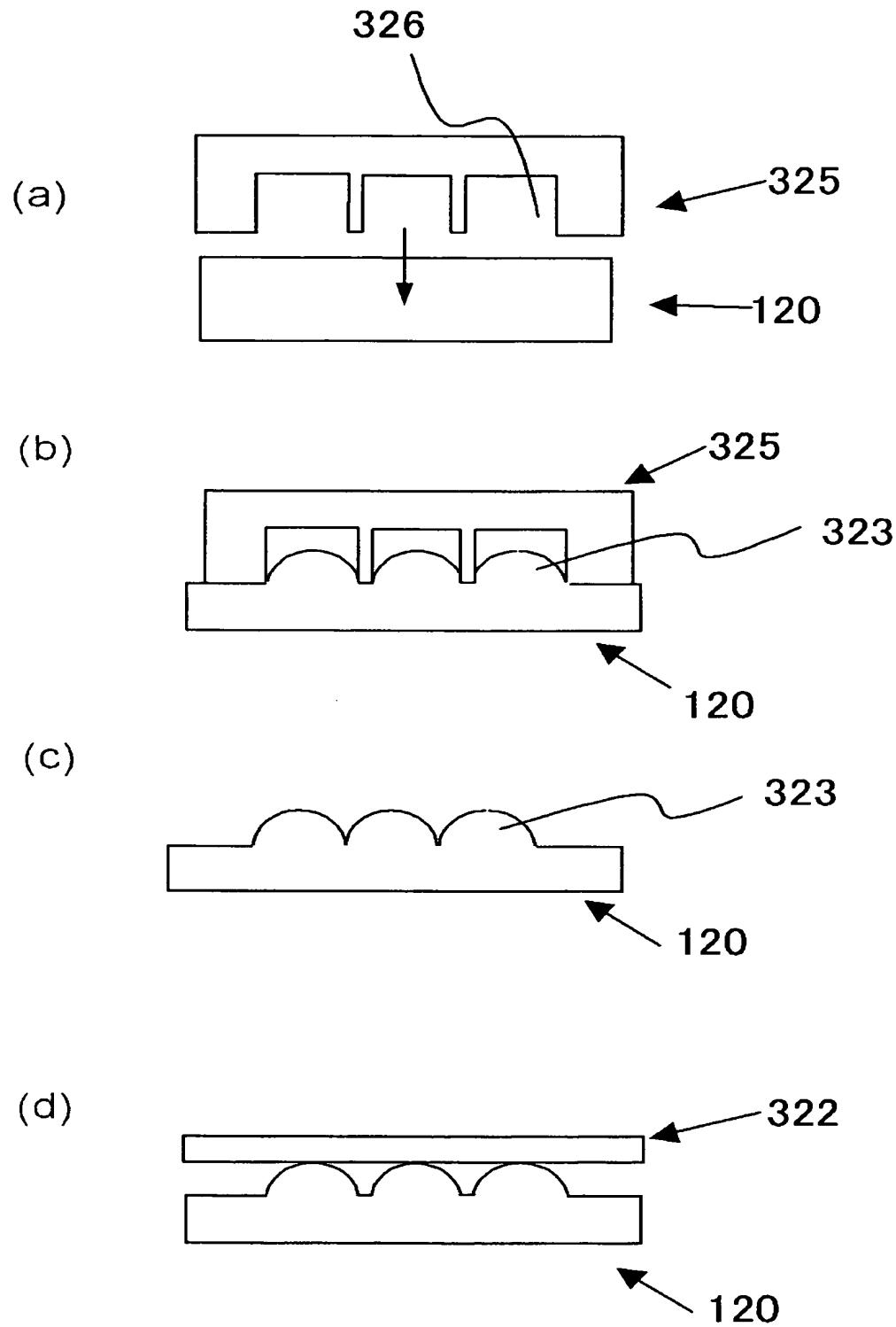


FIG. 46

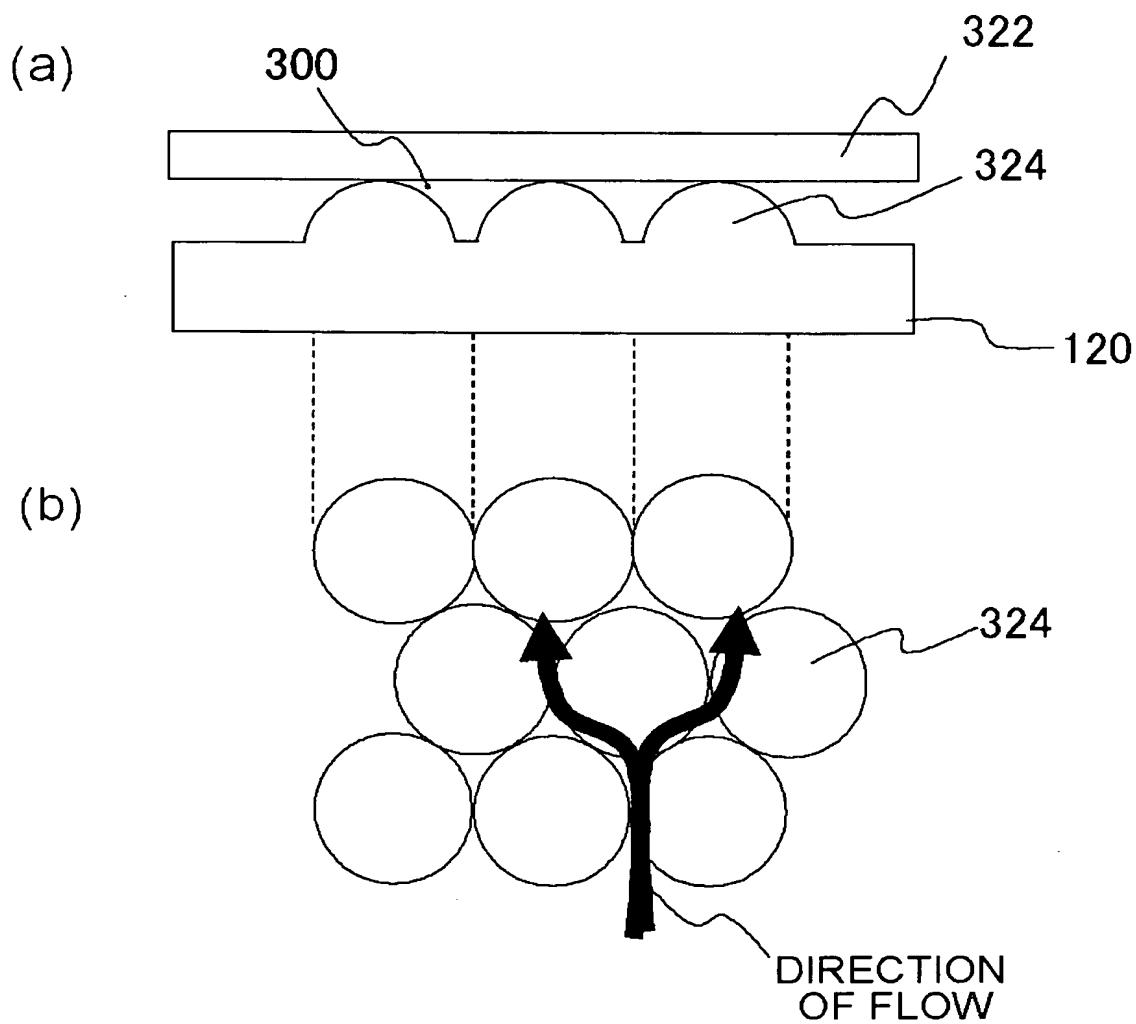


FIG. 47

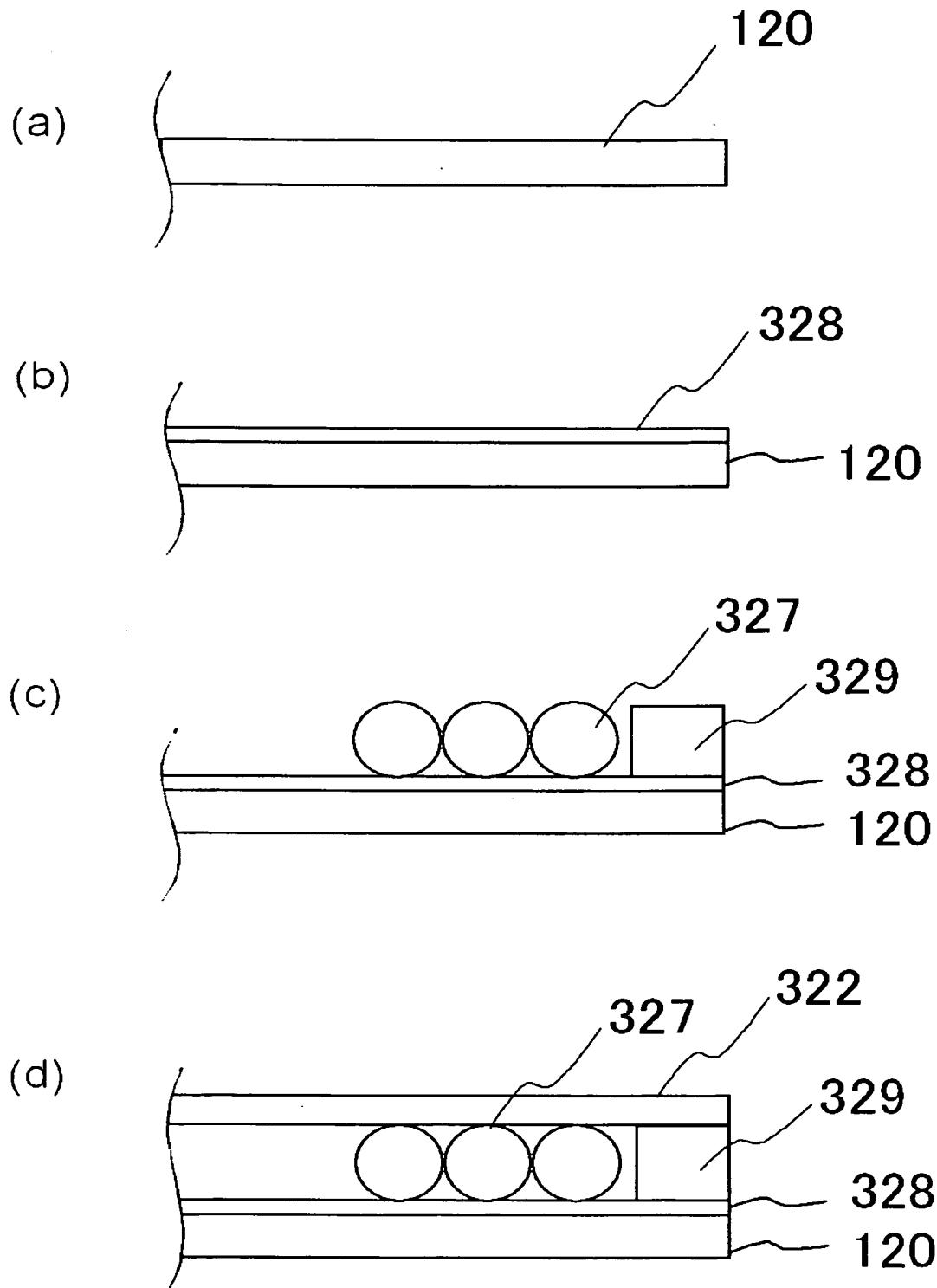


FIG. 48

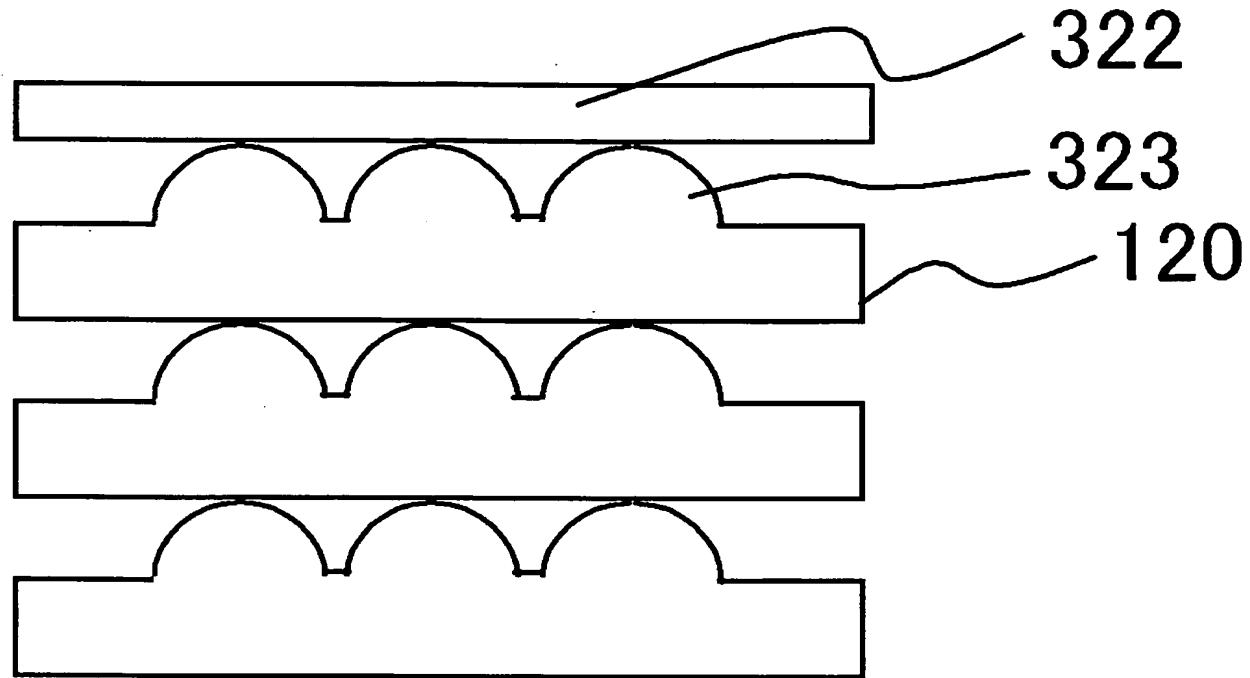


FIG. 49

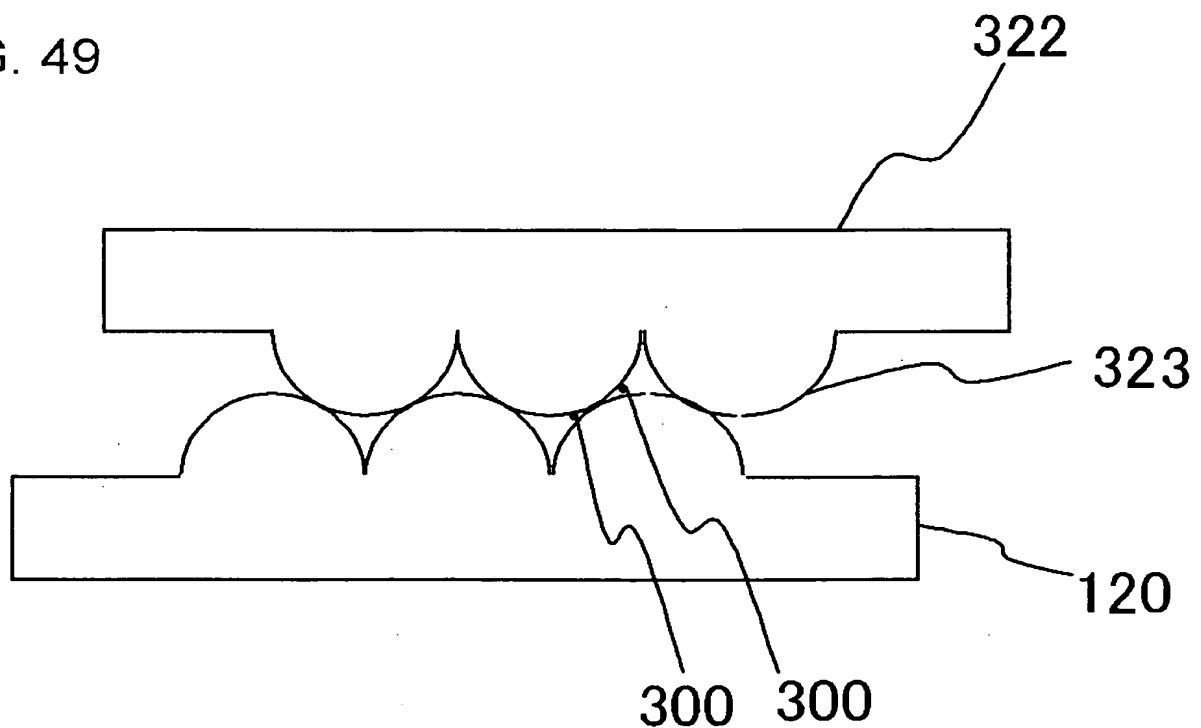
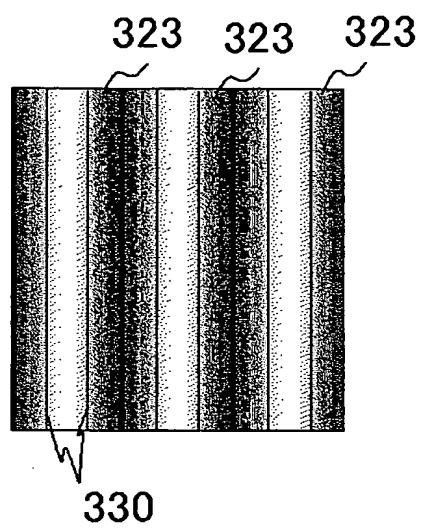
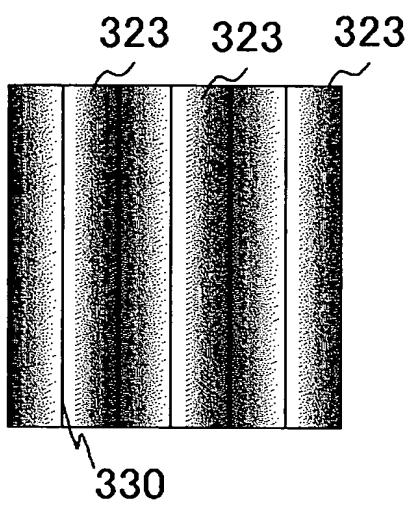
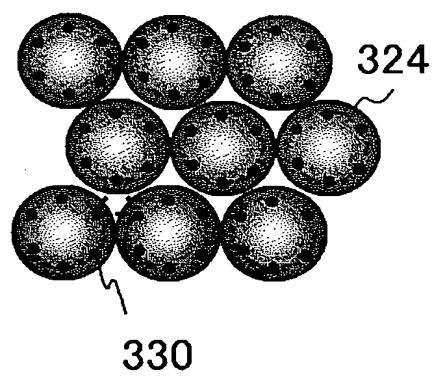
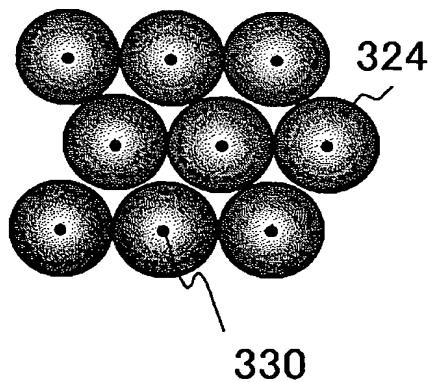


FIG. 50

(a)



(b)



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FIG. 51

